

New Hampshire Commuting Patterns

1990 U.S. Census

prepared by

Economic and Labor Market Information Bureau
New Hampshire Employment Security

32 South Main Street
Concord, New Hampshire 03301

(603) 228-4124



George Nazer, Director
Bruce DeMay, Supervisor

published August 1994
revised November 1997

Available from the Economic and Labor Market Information Bureau of New Hampshire Employment Security:

New Hampshire Unemployment Insurance Historical Data, 1970 - 1996

New Hampshire Employment Projections by Industry and Occupation

New Hampshire Job Outlook and Locator: Occupations by Industry

Profile of New Hampshire and its Eighteen Labor Market Areas

Vital Signs: New Hampshire Economic and Social Indicators

Profile of New Hampshire's Counties, Towns, and Places

New Hampshire Occupational Employment and Wages

New Hampshire Industry and Occupation Monographs

Summary of the New Hampshire Economy

User's Guide to Labor Market Information

Economic Conditions in New Hampshire

New Hampshire Commuting Patterns

Employment Security Annual Report

Local Area Unemployment Statistics

New Hampshire Affirmative Action

New Hampshire Benefits

Establishments by Size

Many of these publications are also available at our Web site: www.nhes.state.nh.us/lmipage.htm

The Following Bureau personnel were instrumental in the preparation of this publication:

Charles Hood, Labor Market Analyst II; Peter Bartlett, Labor Market Analyst II; Cleaven Furguson, Labor Market Analyst II; and Kathleen Schoeneman, Word Processor Operator II.

For anyone with comments, question, of the need for additional commuting data, please contact Rosanne Marney-Hay, Labor Market Analyst II, at (603) 228-4179.

Table of Contents

Preface	4
Trivial Commute	5
Statewide Summary	8

Text	Tables	Sections	Text	Tables	Sections	Text	Tables	Sections
1.0		Berlin NH LMA	9	7.0	Hartford-Lebanon VT-NH LMA	13.0		Lowell MA-NH PMSA
	1.1	Summary	10		(NH Portion)			(NH Portion)
	1.2	Commuting Out	11		7.1 Summary	13.1		Summary
	1.3	Commuting In	13		7.2 Commuting Out	13.2		Commuting Out
2.0		Boston MA-NH PMSA			7.3 Commuting In	13.3		Commuting In
		(NH Portion)	15	8.0	Keene-Brattleboro NH-VT LMA	14.0		Manchester NH PMSA
	2.1	Summary	16		(NH Portion)		14.1	Summary
	2.2	Commuting Out	17		8.1 Summary		14.2	Commuting Out
	2.3	Commuting In	18		8.2 Commuting Out		14.3	Commuting In
3.0		Claremont NH LMA	19		8.3 Commuting In	15.0		Nashua NH PMSA
	3.1	Summary	20	9.0	Laconia NH LMA		15.1	Summary
	3.2	Commuting Out	21		9.1 Summary		15.2	Commuting Out
	3.3	Commuting In	24		9.2 Commuting Out		15.3	Commuting In
4.0		Colebrook NH LMA	27		9.3 Commuting In	16.0		Peterborough NH LMA
	4.1	Summary	28	10.0	Lancaster NH LMA		16.1	Summary
	4.2	Commuting Out	29		10.1 Summary		16.2	Commuting Out
	4.3	Commuting In	31		10.2 Commuting Out		16.3	Commuting In
5.0		Concord NH LMA	33		10.3 Commuting In	17.0		Plymouth NH LMA
	5.1	Summary	34	11.0	Lawrence MA-NH PMSA		17.1	Summary
	5.2	Commuting Out	36		(NH Portion)		17.2	Commuting Out
	5.3	Commuting In	42		11.1 Summary		17.3	Commuting In
6.0		Conway NH LMA	48		11.2 Commuting Out	18.0		Portsmouth-Rochester NH-ME
	6.1	Summary	49		11.3 Commuting In			PMSA (NH Portion)
	6.2	Commuting Out	50	12.0	Littleton NH LMA		18.1	Summary
	6.3	Commuting In	54		12.1 Summary		18.2	Commuting Out
					12.2 Commuting Out		18.3	Commuting In
					12.3 Commuting In			

Preface

This publication, *New Hampshire Commuting Patterns* is organized by the latest (1994) designated Primary Metropolitan Statistical Areas (PMSAs) and Labor Market Areas (LMAs), with the commuting information for each arranged into narrative and statistical tables. The data has been extracted from the 1990 U.S. Decennial Census Report, Bureau of the Census, U.S. Department of Commerce.

Every ten years, the system of labor market areas is reevaluated and redefined based on analysis of the latest U.S. Decennial Census population and commuting data. The federal Office of Management and Budget (OMB) is responsible for defining the larger statistical areas that include the PMSAs. The U.S. Department of Labor, Bureau of Labor Statistics, along with input from New Hampshire Employment Security, determined the redefining of the smaller labor market areas (LMAs) within the state.

Following the latest census, the need to redefine the PMSA/LMAs created as a result of the 1980 census, became apparent as a result of narrowing focus on economic, population, and commuting patterns into more significant metropolitan sections of the state. The twelve PMSA/MSAs of the last decade have been restructured into eighteen PMSA/MSAs, effective January, 1994. This report's format is based on the redefined eighteen PMSA/LMA layout, (see map, page iii). PMSA/LMAs that share territory with a border state, ie. the Boston MA PMSA, are presented in this report so that the cities and towns included are those

that make up the New Hampshire portion of the respective PMSA/LMA.

The content is presented in tabular form, three statistical tables for each PMSA/LMA's commuting data. The first table of each section is a summary, listing each city and town within the PMSA/LMA and its population at census time. The table then concentrates on two areas, first the number and percentage of workers who stay and work in the place of their residence, and secondly, the number and percentage of workers that commute out to another town. The table also includes the number of nonresidents commuting into a city/town to make up the total number of workers.

Table two is a detailed COMMUTING OUT table specifying the cities/towns in the PMSA/LMA, and listing the largest number of workers that COMMUTE OUT to other locations within the state. Another section of the table displays data concerning the three border states, Maine, Massachusetts, and Vermont, plus an "Other" category summarizing the rest of the states. This section lists the largest number of workers COMMUTING OUT to municipalities outside the state.

Table three of each section is similar in layout to table two, but the displayed data signifies COMMUTING IN, ie., those nonresident workers that commute into a city/town, and, along with resident workers, make up the total number of workers for that town. Also addressed are the number of out-of-state workers COMMUTING IN from the border states (and

others), to join the resident work force. Arrangement of out-of-state categories and numbers are the same in table two and table three.

Each census produces some unusual commuting data results which we have attempted to collect and present to you in the section entitled "Trivial Commute," beginning on page one. These are typically very small or very large figures that, depending on a town's population size, may be interpreted as interesting, unique, or even humorous when compared to other towns of diverse populations, and the rest of the state at large.

For anyone with comments, questions, or the need for additional commuting data, please contact Rosanne Marney-Hay, Labor Market Analyst II, at (603) 228-4179.

Trivial Commute

Odds and Ends

In order to uphold a possible tradition of past New Hampshire Commuting Patterns, we are once again including a section that lists the highs, lows, and oddities that the most recent commuting data has produced. The towns with small populations typically produce commuting data that teases the extremes, very small percentages (to and including 0%), or very large percentages (to and including 100%). Here's a few that fall into those categories:

- What a difference a decade makes, in 1980 all six workers in Hart's Location were outsiders, in 1990 all seven workers are residents.
- Also reported in 1980, no one who lived in Ellsworth worked there, in fact, no one worked there. In 1990, all twenty-nine residents who reported as working, continue to commute out of town.
- Residents hold both jobs in Millsfield and all three jobs in Wentworth's Location.
- Of the 383 jobs in Dixville, 96.6% are held by nonresidents. On a larger scale, 95.8% of Newington's 6,000 plus jobs are held by nonresidents.
- No one lives in Hale's Location, but twenty nonresidents commute there to work.
- Roxbury residents hold all twenty-three positions reported in town.
- Three nonresidents managed to be part of the twenty worker total in Easton.
- Considering slightly larger populations, hefty percentages of workers in Suncook (90.0%), Atkinson (91.3%), Danville (92.2%), and Litchfield (94.3%), commute out of town.

By the Numbers

The larger populated cities and towns produced the biggest numbers for the categories of residents reported working, workers commuting out from place of residence, and nonresidents commuting into the workplace. The three categories are presented below:

Total Residents Reported Working				Residents Commuting Out				Nonresidents Commuting In			
Manchester	50,999	Salem	14,095	Nashua	20,855	Merrimack	8,838	Manchester	27,606	Salem	9,308
Nashua	43,410	Dover	13,755	Manchester	19,192	Dover	8,791	Nashua	25,176	Keene	8,976
Concord	17,775	Rochester	12,843	Derry	13,089	Hudson	8,044	Concord	18,937	Merrimack	8,580
Derry	16,409	Merrimack	12,569	Salem	14,095	Rochester	8,029	Portsmouth	15,243	Bedford	8,310
Portsmouth	14,210	Keene	11,322	Londonderry	10,660	Portsmouth	7,005	Dover	9,661	Hanover	8,009

New Hampshire Commuting Patterns - 1990 U.S. Census

Percentage Wise

The following three lists reveal those cities and towns that produced the largest percentage of workers categorized as the following: workers that stay and work in their town of residence; residents commuting out of town to work; and nonresidents commuting into the workplace. The larger populated cities and towns tend not to dominate the percentages, but a minimum population of 2,000 was established to preclude the towns with very small populations from filling the lists.

Residents Working in Town			
Hanover	81.7%	Wolfeboro	69.2%
Berlin	80.5%	Concord	68.4%
Keene	80.1%	Claremont	68.1%
Conway	79.6%	Northumberland	66.8%
Lincoln	75.0%	Colebrook	66.2%

Nonresidents Commuting In			
Hooksett	83.9%	Stratham	81.7%
Bow	83.8%	Tilton	81.3%
Greenland	83.5%	Plaistow	76.9%
Rollinsford	83.0%	Wilton	74.7%
Bedford	82.7%	Seabrook	73.0%

Residents Commuting Out			
Litchfield	94.3%	Fremont	89.3%
Danville	92.2%	Sandown	88.8%
Atkinson	91.3%	Bow	87.7%
Allenstown	90.0%	Newmarket	87.5%
Barrington	89.8%	Candia	87.0%

Border Line

The border states, Maine, Massachusetts, and Vermont produce the largest out-of-state commuting in and commuting out numbers for New Hampshire workers. The following six lists reveal the top ten cities or towns for every category:

Residents Commuting Out to Maine From:			
Dover	1,362	Exeter	222
Portsmouth	1,149	Greenland	208
Rochester	1,143	Lee	207
Somersworth	742	Newmarket	153
Hampton	225	Milton	148

Nonresidents Commuting In From Maine To:			
Portsmouth	3,447	Newington	846
Dover	1,667	Durham	318
Conway	1,039	Greenland	249
Rochester	995	Hampton	220
Somersworth	992	Exeter	217

Residents Commuting Out to Massachusetts From:			
Nashua	11,160	Hudson	3,091
Salem	8,019	Pelham	2,773
Derry	6,584	Plaistow	2,312
Londonderry	3,340	Merrimack	2,210
Manchester	3,163	Windham	2,149

Nonresidents Commuting In From Massachusetts To:			
Nashua	4,821	Seabrook	769
Salem	2,930	Merrimack	724
Hudson	1,197	Portsmouth	532
Manchester	1,049	Hampton	404
Plaistow	969	Pelham	353

Residents Commuting Out to Vermont From:			
Hinsdale	1,103	Keene	346
Lebanon	780	Walpole	310
Claremont	518	Winchester	228
Charlestown	482	Hanover	191
Chesterfield	401	Enfield	170

Nonresidents Commuting In From Vermont To:			
Hanover	3,286	Haverhill	364
Lebanon	2,714	Littleton	359
Claremont	674	Plainfield	219
Keene	390	Chesterfield	185
Walpole	376	Lyme	173

New Hampshire Commuting Patterns - 1990 U.S. Census

Supplement

Border Line

Residents Commuting Out of New Hampshire to:			
Maine	8,121	Massachusetts	74,382
Vermont	7,476	Other	4,536
Total		94,515	

Nonresidents Commuting into New Hampshire From:			
Maine	12,413	Massachusetts	18,952
Vermont	10,635	Other	1,845
Total		43,845	

Residents Commuting Out From NH Counties to Border States				
County	ME	MA	VT	Total*
Belknap	78	441	79	754
Carroll	426	404	28	948
Cheshire	32	1,705	2,712	4,753
Coos	92	56	544	776
Grafton	55	293	2,253	2,894
Hillsborough	200	28,111	125	29,770
Merrimack	122	1,485	91	2,049
Rockingham	2,689	40,179	83	44,279
Strafford	4,421	1,578	14	6,480
Sullivan	6	130	1,547	1,812

NH PMSA/LMA Residents Commuting Out to Border States				
LMA'S	ME	MA	VT	TOTAL *
Berlin NH LMA	61	15	11	125
Boston				
MA-NH PMSA	53	1,594	0	1,655
Claremont NH LMA	2	161	1,200	1,497
Colebrook NH LMA	9	19	323	362
Concord NH LMA	348	1,634	84	2,384
Conway NH LMA	521	395	28	1,021
Hartford-Lebanon				
VT-NH LMA	6	77	1,843	2,083
Keene NH LMA	7	942	2,779	3,980
Laconia NH LMA	78	391	73	711
Lancaster NH LMA	22	18	165	225
Lawrence				
MA-NH PMSA	207	27,991	37	28,683
Littleton NH LMA	26	66	694	862
Lowell MA-NH	8	2,773	0	2,781
Manchester NH	136	8,255	39	8,985
Nashua NH PMSA	74	20,548	63	21,588
Peterborough NH	25	1,339	23	1,523
Plymouth NH LMA	29	187	65	394
Portsmouth-Rochester				
NH-ME PMSA	6,509	7,977	49	15,656

Border States Nonresidents Commuting in to NH PMSA/LMAs				
LMA'S	ME	MA	VT	TOTAL *
Berlin NH LMA	77	8	38	133
Boston				
MA-NH PMSA	149	788	0	981
Claremont NH LMA	2	23	935	1,010
Colebrook NH LMA	14	17	223	254
Concord NH LMA	182	239	71	654
Conway NH LMA	1342	106	27	1,512
Hartford-Lebanon				
VT-NH LMA	40	110	6,619	6,871
Keene NH LMA	3	559	1,196	1,840
Laconia NH LMA	30	75	20	168
Lancaster NH LMA	23	7	275	319
Lawrence				
MA-NH PMSA	88	4,682	13	4,897
Littleton NH LMA	34	23	1021	1,086
Lowell MA-NH	0	353	0	353
Manchester NH	215	1,919	43	2,460
Nashua NH PMSA	140	7,262	60	7,848
Peterborough NH	22	472	6	570
Plymouth NH LMA	26	146	45	275
Portsmouth-Rochester				
NH-ME PMSA	10,026	2,163	43	12,614

* Includes all States and Foreign Countries

Nonresidents Commuting into NH Counties from Border States				
County	ME	MA	VT	Total*
Belknap	49	94	27	221
Carroll	1,340	106	27	1,510
Cheshire	18	832	1,187	2,151
Coos	128	32	643	827
Grafton	86	267	7,326	7,819
Hillsborough	349	9,192	100	10,308
Merrimack	157	363	85	810
Rockingham	5,844	7,575	35	13,903
Strafford	4,440	455	26	5,025
Sullivan	2	36	1,179	1,271

* Includes all States and Foreign Countries

* Includes all States and Foreign Countries

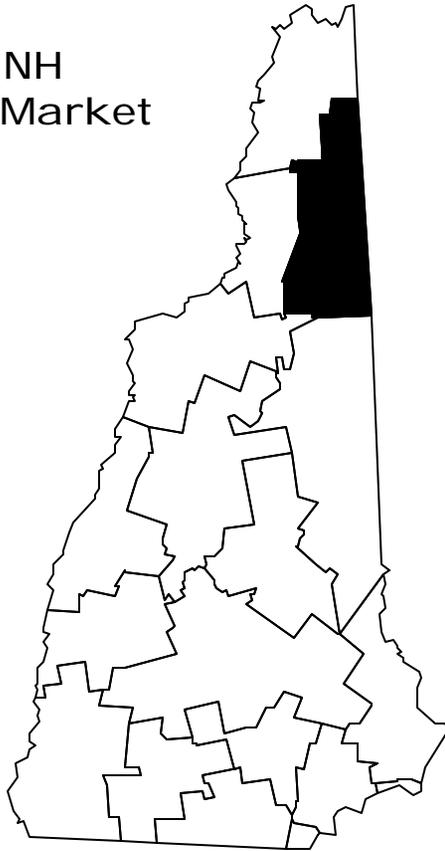
* Includes all States and Foreign Countries.

New Hampshire Commuting Patterns - 1990 U.S. Census

Statewide Summary

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Berlin NH LMA	17,793	7,665	2,700	35.2%	4,965	64.8%	7,701	2,736	35.5%
Boston MA-NH PMSA	7,243	3,574	2,340	65.5%	1,234	34.5%	4,582	3,348	73.1%
Claremont NH LMA	38,565	17,812	9,255	52.0%	8,557	48.0%	15,940	7,383	46.3%
Colebrook NH LMA	5,336	2,458	1,297	52.8%	1,161	47.2%	2,387	1,226	51.4%
Concord NH LMA	124,221	62,242	39,780	63.9%	22,462	36.1%	54,893	32,431	59.1%
Conway NH LMA	34,556	16,356	8,347	51.0%	8,009	49.0%	15,216	7,207	47.4%
Hartford-Lebanon VT-NH LMA	37,669	19,071	10,361	54.3%	8,710	45.7%	25,362	16,652	65.7%
Keene-Brattleboro NH-VT LM/	59,701	30,173	16,666	55.2%	13,507	44.8%	27,649	14,142	51.1%
Laconia NH LMA	46,898	22,537	13,114	58.2%	9,423	41.8%	20,776	11,353	54.6%
Lancaster NH LMA	8,424	3,536	1,647	46.6%	1,889	53.4%	3,483	1,594	45.8%
Lawrence MA-NH PMSA	113,223	61,087	48,385	79.2%	12,702	20.8%	33,486	20,784	62.1%
Littleton NH LMA	21,084	9,597	4,751	49.5%	4,846	50.5%	9,516	4,670	49.1%
Lowell MA-NH PMSA	9,408	4,853	3,838	79.1%	1,015	20.9%	1,882	867	46.1%
Manchester NH PMSA	173,783	90,117	50,637	56.2%	39,480	43.8%	88,626	49,146	55.5%
Nashua NH PMSA	168,233	91,261	56,492	61.9%	34,769	38.1%	84,932	50,163	59.1%
Peterborough NH LMA	30,952	15,315	10,072	65.8%	5,243	34.2%	12,398	7,155	57.7%
Plymouth NH LMA	25,319	11,767	7,377	62.7%	4,390	37.3%	11,243	6,853	61.0%
Portsmouth NH-ME PMSA	186,880	97,160	66,749	68.7%	30,411	31.3%	95,841	65,430	68.3%

1.0
Berlin NH
Labor Market
Area



The newly defined Berlin LMA, which saw its former namesake reporting twenty-six city/towns/locations in the previous edition of *New Hampshire Commuting Patterns - 1980 US Census*, now reports actual commuting activity for one city and eight towns out of a total of fifteen communities and unincorporated places. According to the 1990 Census and Table 1.1, the number of labor market area residents working totaled 7,665. The number of individuals working within their respective communities of residence tallied 4,965. The

workers who commuted to another city, town, location, or state to work appeared to have relied heavily on Routes US2 and NH16; their total amounted to 2,700 for the LMA. The City of Berlin dominated the population numbers by reporting 4,934 of its residents working and enjoyed having 80.5 percent of its workers employed right in the city. The total workforce for Berlin numbered 5,543. Compared with the other communities in the LMA, Berlin sent the smallest percentage of workers outside the city to work. Gorham, as the second largest populated area, followed Berlin with totals of 1,423 residents reported working, and 1,619 workers employed in the town. Nearly half (48.5%), of Gorham's workers commuted out to another city or town to work. Millsfield and Wentworth's Location, the two communities in the LMA with the smallest population, are both mentioned in the "Trivial Commute" section (see page 1), for having their residents hold all of the jobs in each of their respective locations.

The City of Berlin's population dominance is displayed in Table 1.2. Even though the city's commuting out percentage rate was less than 20%, just sheer numbers allowed it to send more workers out of town and out of state than neighboring LMA communities did. Maine, closest to the area's population center, led the border states in receiving the largest number of out-of-state commuters (61). Gorham alone received over 500 of the Berlin commuters, while out-of-state, Maine received a large number of commuters from Berlin following Route US2. Vermont and Massachusetts received only a few commuters, with Haverhill

MA (approximately 150 miles south on I93) and Concord VT (approximately 50 miles west on Route US2), taking in almost all of them.

Table 1.3 displays the numbers of workers that commuted into the towns that make up the Berlin Labor Market Area. Gorham almost traded even with Berlin, as 558 Gorham workers commuted into Berlin via Route NH16. Milan also sent a significant number of workers (413) down NH16 into Berlin. Dummer had only seven commuters cross its boundaries, all from Millsfield. Regarding Millsfield, as previously reported, no one commuted into Millsfield or Wentworth's Location. Berlin, Gorham, and Errol received all the commuters from Maine, a total of 77. A surprising 38 Vermonters followed Routes US2, NH16, and NH110 to commute to Berlin, Gorham, and Milan. All of the Massachusetts residents employed in the Berlin Labor Market Area at census time travelled from Deerfield MA to Gorham.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 1.1
Berlin NH LMA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Berlin	11,824	4,934	963	19.5%	3,971	80.5%	5,543	1,572	28.4%
Dummer	327	137	126	92.0%	11	8.0%	18	7	38.9%
Errol	292	128	45	35.2%	83	64.8%	134	51	38.1%
Gorham	3,173	1,423	690	48.5%	733	51.5%	1,619	886	54.7%
Milan	1,295	630	523	83.0%	107	17.0%	231	124	53.7%
Millsfield	21	9	7	77.8%	2	22.2%	2	0	0.0%
Randolph	371	181	153	84.5%	28	15.5%	46	18	39.1%
Shelburne	437	202	175	86.6%	27	13.4%	105	78	74.3%
Wentworth's Location	53	21	18	85.7%	3	14.3%	3	0	0.0%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 1.2 (continued)
 Commuting Out - Berlin NH LMA - 1990 Census

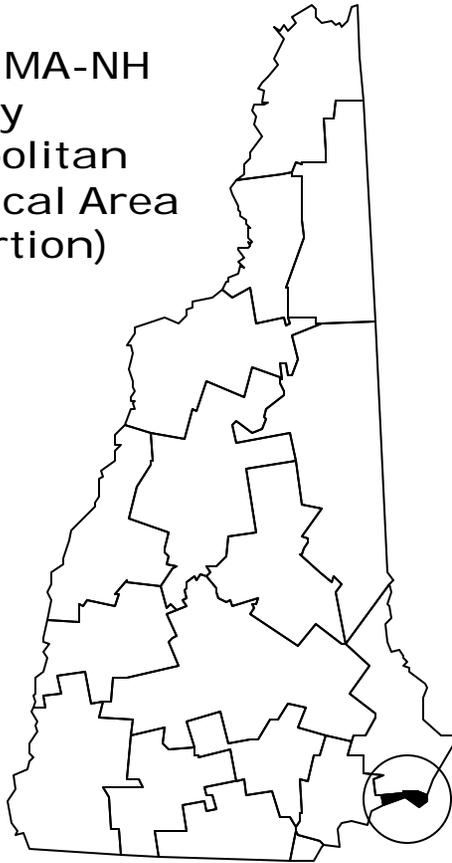
Towns:	Millsfield	Randolph		Shelburne	Wentworth Location	
Estimated Residents Working:	9	181		202	21	
Commuting to Another Town:	7	153		175	18	
Commuting Rate:	77.8%	84.5%		86.6%	85.7%	
To Locations Within NH:	Dummer	7	Berlin 73 Gorham 41	Berlin 92 Gorham 66	Errol	
Out Of State:	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 3 Massachusetts 4 Vermont 0 Other 2	Maine 3 Massachusetts 0 Vermont 0 Other 0	Maine 4 Massachusetts 0 Vermont 0 Other 0	Maine 4 Massachusetts 0 Vermont 0 Other 0	
Out Of State Locations:				Lovell,ME 3		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 1.3 (continued)
Commuting In - Berlin NH LMA - 1990 Census

Towns:	Millsfield	Randolph	Shelburne	Wentworth Location
Estimated Residents Working:	2	46	105	3
Commuting to Another Town:	0	18	78	0
Commuting Rate:	0.0%	39.1%	74.3%	0.0%
To Locations Within NH:		Lancaster 7	Berlin 42 Gorham 27	
Out Of State:	Maine 0 Massachusetts 0 Vermont 0 Other 0			
Out Of State Locations:				

2.0
Boston MA-NH
Primary
Metropolitan
Statistical Area
(NH portion)



This newly formed New Hampshire component of the Boston Primary Metropolitan Statistical Area (PMSA) is made up of two towns in the southeastern tip of Rockingham County; Seabrook and South Hampton. The Massachusetts portion of the PMSA is made up of a host of towns that are located within the Route I95 (formerly Route 128) and I495 beltways that fan out from the city of Boston. Table 2.1 summarizes the 1990 Census commuting in and commuting out patterns of the two New Hampshire towns. Seabrook, with

the larger population, had 3,207 estimated residents working. Of these, 2,009 workers commuted out to another town and 1,198 residents stayed in town to work. South Hampton had 90.2% of its 367 workers commuting out of town and a nonresidents commuting into town rate of 73.9% (102 workers). Based on those percentages, only 9.8% of its estimated resident workers stayed in town, and they made up 26.1% of the total South Hampton workforce. Both towns are accessible via Route US1, and Interstates 95 and 495, as well as rural and urban Routes NH51 and NH286.

Even though the two towns differed in population size, when it came to commuting out, particularly out-of-state, the two towns produced similar percentage rates. Seabrook sent 1,359 commuters to Massachusetts, almost 68 percent of the total workers who commuted out of town. South Hampton sent 235 workers to the Bay State, nearly a 71 percent out-of-state commuter rate for that town. Both commuter groups were distributed over the North Shore region and Boston along Interstate 95 and Route US1. For those that stayed in state, Table 2.2 indicates a combined total of 261 Seabrook commuters traveled to Hampton and Portsmouth, while 15 South Hampton commuters worked in Portsmouth.

Similarity of rates showed up again in Table 2.3, as nonresidents commuting into Seabrook and South Hampton claimed 73.0% and 73.9% shares of jobs in each town, respectively. Hampton NH and Shrewsbury MA provided the largest number of workers to Seabrook. On

a smaller scale for South Hampton, Rochester provided the greater number of in-state workers, while Amesbury MA and Gloucester MA furnished workers for South Hampton from out of state.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 2.1
Boston MA-NH PMSA (NH Portion) - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Seabrook	6,503	3,207	2,009	62.6%	1,198	37.4%	4,444	3,246	73.0%
South Hampton	740	367	331	90.2%	36	9.8%	138	102	73.9%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 2.2
Commuting Out - Boston MA-NH PMSA (NH Portion) - 1990 Census

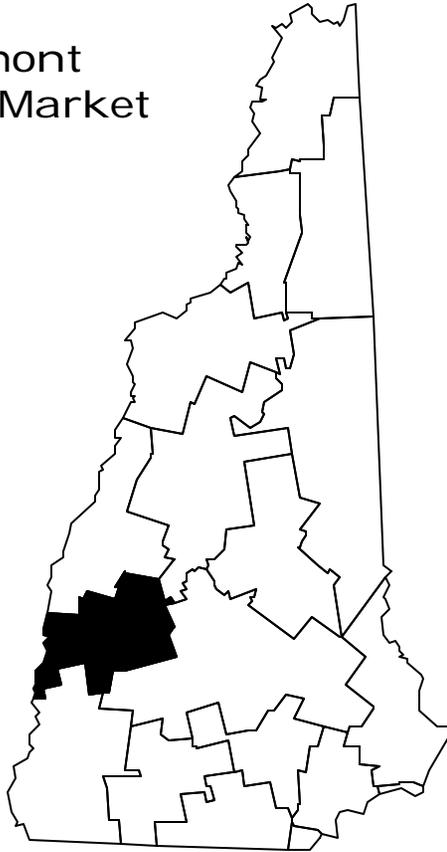
Towns:	Seabrook	South Hampton			
Estimated Residents Working:	3,207	367			
Commuting to Another Town:	2,009	331			
Commuting Rate:	62.6%	90.2%			
To Locations Within NH:	Hampton 148 Portsmouth 113 Exeter 69 No. Hampton 57 Salem 34 Manchester 24 Newington 24 Nashua 21	Portsmouth 15			
Out Of State:	Maine 46 Massachusetts 1,359 Vermont 0 Other 0	Maine 7 Massachusetts 235 Vermont 0 Other 8			
Out Of State Locations:	Newb'port, MA 156 Amesbury, MA 139 Salisbury, MA 134 Boston, MA 133	Amesbury, MA 58 Newb'port, MA 41 Boston, MA 27 Salisbury, MA 23			

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 2.3
Commuting In - Boston MA-NH PMSA (NH Portion) - 1990 Census

Towns:	Seabrook	South Hampton			
Estimated Residents Working:	4,444	138			
Commuting to Another Town:	3,246	102			
Commuting Rate:	73.0%	73.9%			
To Locations Within NH:	Hampton	424	Rochester	14	
	Exeter	222	Barrington	11	
	Portsmouth	171	Greenland	11	
	Dover	152			
	Newmarket	123			
	Rochester	120			
	Stratham	90			
	Hampton Falls	70			
Out Of State:	Maine	149	Maine	0	
	Massachusetts	769	Massachusetts	19	
	Vermont	0	Vermont	0	
	Other	44	Other	0	
Out Of State Locations:	Shrewsbury,MA	252	Amesbury,MA	13	
	Amesbury,MA	171	Gloucester,MA	6	
	Newb'port,MA	48			
	Haverhill,MA	27			

3.0 Claremont Labor Market Area



Looking at the Claremont LMA today, the reader would see major differences compared with the former LMA alignment established following the 1980 census. Gone from within the LMA bounds are larger population towns like Lebanon and Hanover, and gone are smaller towns like Grafton and Orange. The 1980 commuting patterns summary reported a total of 29,219 estimated residents working. Under the new LMA configuration that number is down to 17,812. The combined resident-nonresident workforce tallied to 15,940. The number of residents that stayed in their towns

to work totaled 8,557. Those workers who followed Routes NH10, NH11, NH12, NH103, and NH120, traveling beyond their town or state borders for employment, numbered 9,255. Table 3.1 shows Claremont, New London, and Newport led in numbers and percentages of resident workers employed in their respective communities. Of the remaining larger population towns in the LMA, Charlestown, Sunapee, and Sutton registered low working-in-town percentages, 32.6%, 30.0%, and 22.0% respectively. Claremont, Newport, and New London each provided employment for a large workforce total of residents and nonresidents, combined. Newport's workforce was split almost down the middle, with 51.5% of its workers being nonresidents. Claremont only accepted 36.3% of its workforce from outside the city bounds.

In checking major routes Croydon easily produced the highest percentage of workers commuting out, a 92.3% rate, by sending out 264 of its 286 workers. Of towns with slightly larger populations, Newbury placed behind Croydon with a commuting out rate of 82.2% (see Table 3.2). Usually population growth goes hand in hand with industrial growth, so larger communities are able to keep residents employed in town, and Claremont proved the point by having only 31.9% of its residents commuting out to work. Newport, with the second largest population in the LMA, followed with a 40.2% commuting out rate. Claremont and Newport almost traded commuters even up with Route NH11 providing a direct corridor. Claremont sent 362 workers to Newport and Newport sent 367 workers to

Claremont. Charlestown held the distinction of providing the greatest number of commuters to another town within the LMA, 536 workers to Claremont. Claremont and Charlestown, both located on the Vermont border, led in number of commuters traveling out of state, as combined they sent 1,000 workers to Vermont. The destination of choice in Vermont was Springfield, as over 450 of the aforementioned 1,000 followed Route VT106 to that location. New London provided 46 commuters to Massachusetts.

Examining the commuting-in numbers in Table 3.3, Charleston, Claremont, and Newport appear as employment exchange centers. Claremont drew in 536 workers from Charlestown. Newport had 362 workers from Claremont commuting in, while 177 workers traveled from Claremont to Charlestown. New London also proved to be a hub of commuting activity with seven towns sending at least 100 workers into that community. Sunapee, Wilmot, and Sutton topped that list with 244, 198, and 197, respectively. Newport, number four on the same list, surprisingly was the only town with a count of over 2,000 estimated residents working. Vermont dominated the commuting-in lists of the border states with 935 workers. In fact, the only other out-of-state commuters travelled from Gardiner MA to Sunapee.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 3.1
Claremont NH LMA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Charlestown	4,630	2,273	1,532	67.4%	741	32.6%	1,193	452	37.9%
Claremont	13,902	6,234	1,990	31.9%	4,244	68.1%	6,663	2,419	36.3%
Croydon	627	286	264	92.3%	22	7.7%	74	52	70.3%
Goshen	742	351	296	84.3%	55	15.7%	92	37	40.2%
Lempster	947	413	332	80.4%	81	19.6%	148	67	45.3%
New London	3,180	1,263	498	39.4%	765	60.6%	2,377	1,612	67.8%
Newbury	1,347	664	546	82.2%	118	17.8%	213	95	44.6%
Newport	6,110	2,804	1,128	40.2%	1,676	59.8%	3,453	1,777	51.5%
Springfield	788	396	321	81.1%	75	18.9%	208	133	63.9%
Sunapee	2,559	1,345	942	70.0%	403	30.0%	788	385	48.9%
Sutton	1,457	746	582	78.0%	164	22.0%	311	147	47.3%
Unity	1,341	570	461	80.9%	109	19.1%	281	172	61.2%
Wilmot	935	467	363	77.7%	104	22.3%	139	35	25.2%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 3.2
Commuting Out - Claremont NH LMA - 1990 Census

Towns:	Charlestown	Claremont	Croydon	Goshen	Lempster
Estimated Residents Working:	2,273	6,234	286	351	413
Commuting to Another Town:	1,532	1,990	264	296	332
Commuting Rate:	67.4%	31.9%	92.3%	84.3%	80.4%
To Locations Within NH:	Claremont 536 Walpole 186 Newport 82 Keene 79 Lebanon 35 Westmoreland 27 Langdon 19 Hanover 18	Newport 362 Lebanon 229 Hanover 200 Charlestown 177 Unity 87 Cornish 66 Plainfield 44 Keene 31	Newport 112 Claremont 30 Lebanon 20 Hanover 19 Sunapee 15	Newport 116 Claremont 25 Sunapee 19 New London 17 Lempster 13	Newport 137 Claremont 56 Sunapee 26 New London 15 Concord 12 Keene 11
Out Of State:	Maine 0 Massachusetts 0 Vermont 482 Other 16	Maine 0 Massachusetts 18 Vermont 518 Other 15	Maine 0 Massachusetts 4 Vermont 17 Other 6	Maine 0 Massachusetts 5 Vermont 11 Other 8	Maine 0 Massachusetts 11 Vermont 4 Other 10
Out Of State Locations:	Springf'ld,VT 291 Rockingham,VT 114 Bratl'boro,VT 27 Windsor,VT 12	Springf'ld,VT 163 Hartford,VT 99 Windsor,VT 84 W.Windsor,VT 53	Hartford,VT 7	Windsor,VT 7	Burlington,MA 12

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 3.2 (continued)
 Commuting Out - Claremont NH LMA - 1990 Census

Towns:	New London		Newbury		Newport		Springfield		Sunapee	
Estimated Residents Working:	1,263		664		2,804		396		1,345	
Commuting to Another Town:	498		546		1,128		321		942	
Commuting Rate:	39.4%		82.2%		40.2%		81.1%		70.0%	
To Locations Within NH:	Concord	81	New London	144	Claremont	367	New London	110	New London	244
	Lebanon	54	Newport	65	New London	181	Newport	42	Newport	206
	Grantham	48	Concord	51	Sunapee	119	Lebanon	31	Claremont	76
	Andover	28	Bradford	38	Lebanon	53	Concord	18	Croydon	47
	Springfield	22	Sunapee	29	Grantham	47	Hanover	17	Lebanon	46
	Enfield	21	Warner	22	Unity	47	Grantham	16	Newbury	37
	Bristol	17	Lebanon	19	Plainfield	28			Plainfield	33
	Hanover	17	Manchester	17	Bradford	26			Springfield	29
Out Of State:	Maine	0	Maine	0	Maine	0	Maine	0	Maine	0
	Massachusetts	46	Massachusetts	19	Massachusetts	10	Massachusetts	4	Massachusetts	16
	Vermont	6	Vermont	11	Vermont	56	Vermont	18	Vermont	36
	Other	14	Other	22	Other	22	Other	0	Other	0
Out Of State Locations:	Weston,MA	16	Boston,MA	10	Springfield,VT	19	Hartford,VT	18	Boston,MA	16
	Westboro,MA	9	Springf'ld,MA	5	Hartford,VT	17			Hartford,VT	12
	Andover,MA	8			Thetford,VT	11			Springf'ld,VT	8
	Boston,MA	8			Dracut,MA	10			Woodstock,VT	8

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 3.2 (continued)
 Commuting Out - Claremont NH LMA - 1990 Census

Towns:	Sutton		Unity		Wilmot	
Estimated Residents Working:	746		570		467	
Commuting to Another Town:	582		461		363	
Commuting Rate:	78.0%		80.9%		77.7%	
To Locations Within NH:	New London 197 Concord 94 Warner 33 Bradford 30 Manchester 25 Newport 24 Hopkinton 13 Andover 12		Claremont 192 Newport 137 Charlestown 19 Lebanon 16 Keene 11		New London 198 Andover 24 Concord 24 Newport 14 Sutton 10	
Out Of State:	Maine 0 Massachusetts 17 Vermont 5 Other 13		Maine 0 Massachusetts 2 Vermont 30 Other 4		Maine 2 Massachusetts 9 Vermont 6 Other 4	
Out Of State Locations:	Boston,MA 4 Quincy,MA 4		Rockingham,VT 7 Springfld,VT 7		Hartford,VT 4	

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 3.3
Commuting In - Claremont NH LMA - 1990 Census

Towns:	Charlestown	Claremont	Croydon	Goshen	Lempster
Estimated Residents Working:	1,193	6,663	74	92	148
Commuting to Another Town:	452	2,419	52	37	67
Commuting Rate:	37.9%	36.3%	70.3%	40.2%	45.3%
To Locations Within NH:	Claremont 177 Langdon 33 Unity 19 Acworth 17 Walpole 17 Alstead 14	Charlestown 536 Newport 367 Unity 192 Cornish 152 Sunapee 76 Lempster 56 Acworth 32 Lebanon 31	Sunapee 47	Newport 15 Claremont 13	Sunapee 14 Goshen 13 Newport 13
Out Of State:	Maine 0 Massachusetts 9 Vermont 121 Other 0	Maine 2 Massachusetts 0 Vermont 674 Other 9	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0
Out Of State Locations:	Springfield,VT 46 Weath'field,VT 19 Chester,VT 12 Ludlow,VT 10	Windsor,VT 188 Weath'field,VT 120 Springfield,VT 114 Hartford,VT 51			

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 3.3 (continued)
 Commuting In - Claremont NH LMA - 1990 Census

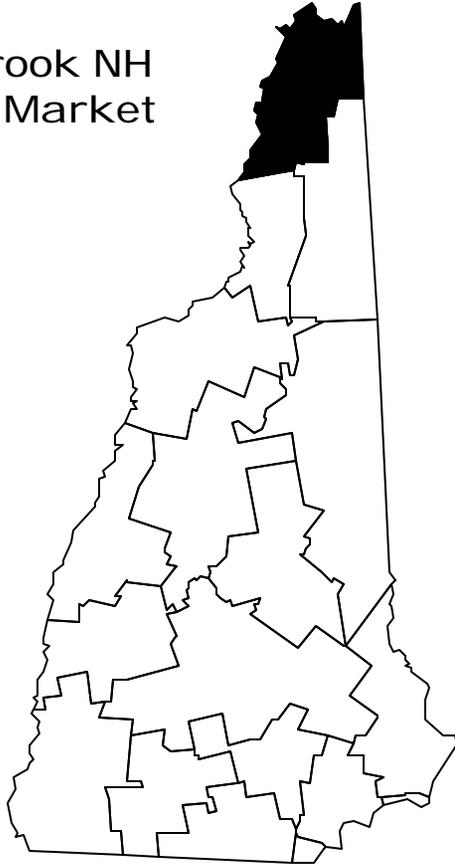
Towns:	New London		Newbury		Newport		Springfield		Sunapee	
Estimated Residents Working:	2,377		213		3,453		208		788	
Commuting to Another Town:	1,612		95		1,777		133		385	
Commuting Rate:	67.8%		44.6%		51.5%		63.9%		48.9%	
To Locations Within NH:	Sunapee	244	Sunapee	37	Claremont	362	Sunapee	29	Newport	119
	Wilmot	198	Bradford	16	Sunapee	206	Enfield	27	Claremont	29
	Sutton	197			Lempster	137	New London	22	Newbury	29
	Newport	181			Unity	137			Lempster	26
	Newbury	144			Goshen	116			Goshen	19
	Springfield	110			Croydon	112			Franklin	16
	Andover	102			Charlestown	82			New London	14
	Bradford	53			Newbury	65			Manchester	13
Out Of State:	Maine	0	Maine	0	Maine	0	Maine	0	Maine	0
	Massachusetts	0	Massachusetts	0	Massachusetts	6	Massachusetts	0	Massachusetts	8
	Vermont	21	Vermont	0	Vermont	106	Vermont	0	Vermont	13
	Other	11	Other	0	Other	30	Other	0	Other	0
Out Of State Locations:	Charlotte,VT	9			Springfield,VT	37			Windsor,VT	13
	Hartford,VT	6			Weath'field,VT	36			Gardner,MA	8
	Windsor,VT	6			Norwich,VT	8				
					Hartford,VT	7				

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 3.3 (continued)
Commuting In - Claremont NH LMA - 1990 Census

Towns:	Sutton		Unity		Wilmot	
Estimated Residents Working:	311		281		139	
Commuting to Another Town:	147		172		35	
Commuting Rate:	47.3%		61.2%		25.2%	
To Locations Within NH:	Warner	22	Claremont	87	New London	16
	Bradford	18	Newport	47		
	Sunapee	14				
	Concord	13				
	Newbury	13				
	New London	11				
	Weare	10				
	Wilmot	10				
Out Of State:	Maine	0	Maine	0	Maine	0
	Massachusetts	0	Massachusetts	0	Massachusetts	0
	Vermont	0	Vermont	0	Vermont	0
	Other	0	Other	0	Other	0
Out Of State Locations:						

4.0 Colebrook NH Labor Market Area



The northernmost LMA, the current Colebrook Labor Market Area, was made up of five towns and one unincorporated place from the former Berlin Labor Market Area (1980). The town of Colebrook is the largest town in the LMA, with a 1990 population of 2,444 and an estimated number of residents declared working of 1,171. Conversely, Dixville has the smallest population based on a 1990 count of 50, with 23 estimated residents working. Table 4.1 shows the population of all six towns and summarizes the commuting data. A total of 2,458 labor

market area residents were reported to be working, of that total, 1,297 workers commuted out of their place of residence to another town, place, or state. The remaining 1,161 residents stayed within their respective locations to work. The sum of the workforce, residents and nonresidents, in the LMA communities was 2,387, with the largest workforce for a town (Colebrook), totaling 1,362. Surprisingly, Dixville's workforce numbered 383, with 370 nonresidents commuting in to work. Connecting roadways for the LMA are US3, NH26, and NH145.

Commuting-out Table 4.2 shows an interesting association that took place between the largest and the smallest populations. The town of Colebrook, with the largest commute-out numbers, appears to have made use of Route NH26 to send 144 workers to Dixville, thereby providing almost 38 percent of Dixville's workforce. Dixville had 10 commuters, seven went to Colebrook and three going all the way to Massachusetts, at least during the census period. Workers from Columbia, Stratford, and Stewartstown sent another 123 commuters to Dixville. Stewartstown, with a 69.2% commuting-out rate and Route US3 as a logical connection, sent 140 of its workers to Colebrook. Columbia and Clarksville had commuting-out rates in excess of 86 percent, with the Town of Colebrook heading the destination lists. Because of close proximity Vermont was the border state that Colebrook LMA commuters most frequently travelled to, the number exceeded 320. Stewartstown sent out the largest number of out-of-state commuters (113),

the majority going to nearby Vermont. Colebrook and Pittsburg also sent 77 and 76 workers, respectively, to the Green Mountain State.

Looking at the LMA commute-in totals, Table 4.3 reveals Pittsburg and Dixville at opposite ends of the incoming percentage rate spectrum. Pittsburg is the state's largest town, geographically, covering as many square miles as twenty or more seacoast area towns. Only 15.0% of Pittsburg's workforce were nonresidents commuting in. On the other hand, Dixville, with its small population, took in 96.6% of its workers from beyond its borders.

Stewartstown had 63 nonresidents commute in from Vermont, which represented one third of all incoming commuters for that town. In fact, of the Vermont total of 63, Canaan, at the opposite end of a bridge crossing the Connecticut River, provided 54 commuters, more than any New Hampshire town providing workers to Stewartstown. Vermont, as a nearby neighbor, not only held the distinction of being the commute-out leader, but also led commuting into the LMA, thanks to Canaan VT. Canaan also sent 63 workers into Colebrook and 27 to three other New Hampshire towns. Massachusetts was incoming runner-up among the border states (see Table 4.3), as the Bay State dispatched 17 Medway workers that were employed in Dixville at census time.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 4.1
Colebrook NH LMA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Clarksville	232	122	105	86.1%	17	13.9%	37	20	54.1%
Colebrook	2,444	1,171	396	33.8%	775	66.2%	1,362	587	43.1%
Columbia	661	312	270	86.5%	42	13.5%	72	30	41.7%
Dixville	50	23	10	43.5%	13	56.5%	383	370	96.6%
Pittsburg	901	379	204	53.8%	175	46.2%	206	31	15.0%
Stewartstown	1,048	451	312	69.2%	139	30.8%	327	188	57.5%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 4.2
Commuting Out - Colebrook NH LMA - 1990 Census

Towns:	Clarksville	Colebrook	Columbia	Dixville	Pittsburg
Estimated Residents Working:	122	1,171	312	23	379
Commuting to Another Town:	105	396	270	10	204
Commuting Rate:	86.1%	33.8%	86.5%	43.5%	53.8%
To Locations Within NH:	Colebrook 28 Stewartstown 21 Pittsburg 10	Dixville 144 Stewartstown 49 Nor'mberland 28 Stratford 17 Columbia 15 Carroll 11 Berlin 10	Colebrook 109 Dixville 59 Stratford 31 Nor'mberland 18	Colebrook 7	Colebrook 52 Stewartstown 38 Dixville 13
Out Of State:	Maine 0 Massachusetts 0 Vermont 36 Other 0	Maine 7 Massachusetts 2 Vermont 77 Other 3	Maine 0 Massachusetts 10 Vermont 25 Other 4	Maine 0 Massachusetts 3 Vermont 0 Other 0	Maine 0 Massachusetts 2 Vermont 76 Other 4
Out Of State Locations:	Canaan,VT 35	Canaan,VT 60 Norton,VT 11	Canaan,VT 25 Norwood,MA 7	Boston,MA 3	Canaan,VT 74

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 4.2 (continued)
 Commuting Out - Colebrook NH LMA - 1990 Census

Towns:	Stewartstown			
Estimated Residents Working:	451			
Commuting to Another Town:	312			
Commuting Rate:	69.2%			
To Locations Within NH:	Colebrook 140 Dixville 19			
Out Of State:	Maine 2 Massachusetts 2 Vermont 109 Other 0			
Out Of State Locations:	Canaan,VT 104			

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 4.3
Commuting In - Colebrook NH LMA - 1990 Census

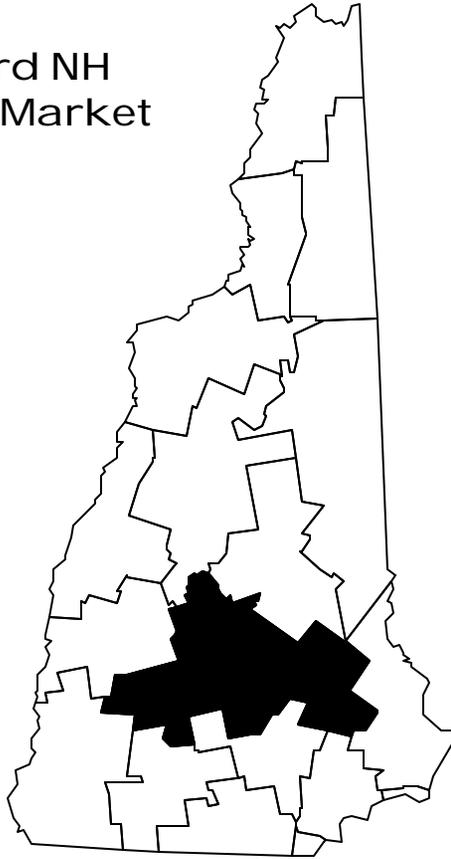
Towns:	Clarksville	Colebrook	Columbia	Dixville	Pittsburg
Estimated Residents Working:	37	1,362	72	383	206
Commuting to Another Town:	20	587	30	370	31
Commuting Rate:	54.1%	43.1%	41.7%	96.6%	15.0%
To Locations Within NH:	Stewartstown 9	Stewartstown 140 Columbia 109 Pittsburg 52 Stratford 42 Clarksville 28 Lebanon 21 Plymouth 18 Lancaster 10	Colebrook 15	Colebrook 144 Stratford 44 Columbia 59 Stewartstown 19 Pittsburg 13 Errol 11	Clarksville 10
Out Of State:	Maine 0 Massachusetts 0 Vermont 5 Other 0	Maine 4 Massachusetts 0 Vermont 107 Other 0	Maine 0 Massachusetts 0 Vermont 6 Other 0	Maine 10 Massachusetts 17 Vermont 35 Other 0	Maine 0 Massachusetts 0 Vermont 7 Other 0
Out Of State Locations:	Canaan,VT 5	Canaan,VT 63 Lemington,VT 20 Bloomfield,VT 19 Brighton,VT 5	Bloomfield,VT 4	Medway,ME 17 Canaan,VT 15 Brighton,VT 10 Upton,VT 6	Canaan,VT 7

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 4.3 (continued)
 Commuting In - Colebrook NH LMA - 1990 Census

Towns:	Stewartstown			
Estimated Residents Working:	327			
Commuting to Another Town:	188			
Commuting Rate:	57.5%			
To Locations Within NH:	Colebrook 49 Pittsburg 38 Clarksville 21			
Out Of State:	Maine 0 Massachusetts 0 Vermont 63 Other 0			
Out Of State Locations:	Canaan,VT 54 Bloomfield,VT 5			

5.0
Concord NH
Labor Market
Area



The two cities and twenty-eight towns that make up the Concord NH LMA had a total of 62,242 residents reported working in 1990. Of that number, 22,462 stayed in their place of residence to work, while 39,780 commuted out to another city, town, or state. Workers commuting in from within the LMA, the state, or from out-of-state amounted to 32,431, and combined with the in-town resident workers totaled 54,893. In checking Table 5.1, the City of Concord, led all municipalities with 17,775 residents reported working, and having 31,096 total workers in the city. Concord also easily

had the largest “work in city” rate with 68.4%, as most other communities sent the majority of their workers out of town for employment. Comparing the “work in city/town” rate of the 30 communities, 24 locations yielded percentage rates lower than 30 percent. Conversely, these low rates effected a high percentage of nonresidents commuting in, the highest being 83.8% for the Town of Bow, followed by 81.3% for Tilton. With a large number of workers moving about, commuting-out rates ran high. Looking at all the cities/towns, two-thirds (20) had commuting-out rates of 75 percent or more, the largest rate (89.2%) produced by Salisbury commuters. No less than three interstates, three US routes, and ten urban and rural routes make up the complex network of roadways that connect the 30 cities/towns of the Concord LMA.

More Concord LMA workers commuted to the City of Concord than to any other city/town within or outside the LMA. Concord was first on the lists for 21 LMA towns on Table 5.2. The total commuters from the towns to the city numbered 11,466. That LMA commuter number amounted to over 60 percent of Concord’s commuting-in total. Many of the roadways mentioned above pass through, intersect, or touch portions of Concord. Routes such as I93, I393, US3, US4, NH13, and NH132 are examples of commuting avenues in and out of Concord. Manchester, although outside the LMA, posted the number two ranking for those commuting out by placing first, second, or third on 20 lists of the 30 LMA cities/towns. Placing the City of Concord aside, and looking at simply numbers, Pembroke (3,149) and Bow (2,584) provided the largest tally of residents commuting to another town or out of state to

work. On the subject of out-of-state commuting, the Commonwealth of Massachusetts, followed by Maine and then Vermont, received the largest number of Concord LMA workers. Bay State cities such as Boston and Cambridge, and the Town of Andover were the destinations for many of the commuters. Kittery was the recipient of the largest number of workers bound for Maine, most of these from eastern towns nearer the seacoast and with easy access to Route US4 or the Spaulding Turnpike.

As previously stated, the City of Concord enjoyed the largest number of commuters for most categories, including nonresidents commuting in with 18,937. Bow, Pembroke, and Manchester were the leaders in providing workers commuting to Concord with 1,440, 1,347, and 1,213, respectively. Following the Capital City, other towns in the LMA with sizable commuting-in numbers were Bow and Tilton (see Table 5.3). Concord and Manchester were the chief providers for Bow, while Northfield and the City of Franklin furnished the largest number of workers to Tilton, possibly travelling Routes US3 and NH11. On an out-of-state note, Massachusetts sent the greatest number of workers to the Concord LMA during the census period, with Maine not far behind. The Massachusetts cities of Lawrence and Lowell and the Town of Georgetown, were among the leading providers from a field of Bay State communities. York and Wells supplied a corresponding assembly of commuters from Maine. During the census period the City of Franklin and the Town of Warner each had workers travelling in from Vermont towns like Hartford and Westminster.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.1
Concord NH LMA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Andover	1,883	957	631	65.9%	326	34.1%	584	258	44.2%
Barnstead	3,100	1,610	1,292	80.2%	318	19.8%	533	215	40.3%
Boscawen	3,586	1,649	1,362	82.6%	287	17.4%	931	644	69.2%
Bow	5,500	2,948	2,584	87.7%	364	12.3%	2,242	1,878	83.8%
Bradford	1,405	685	490	71.5%	195	28.5%	460	265	57.6%
Canterbury	1,687	916	775	84.6%	141	15.4%	287	146	50.9%
Chichester	1,942	1,063	904	85.0%	159	15.0%	407	248	60.9%
Concord	36,006	17,775	5,616	31.6%	12,159	68.4%	31,096	18,937	60.9%
Deerfield	3,124	1,582	1,277	80.7%	305	19.3%	400	95	23.8%
Deering	1,707	793	685	86.4%	108	13.6%	336	228	67.9%
Dunbarton	1,759	952	842	88.4%	110	11.6%	212	102	48.1%
Epsom	3,591	1,706	1,289	75.6%	417	24.4%	862	445	51.6%
Franklin	8,304	3,800	2,336	61.5%	1,464	38.5%	2,934	1,470	50.1%
Henniker	4,151	1,991	1,088	54.6%	903	45.4%	1,426	523	36.7%
Hill	814	416	354	85.1%	62	14.9%	100	38	38.0%
Hillsborough	4,498	2,249	1,230	54.7%	1,019	45.3%	2,366	1,347	56.9%
Hopkinton	4,806	2,397	1,782	74.3%	615	25.7%	1,484	869	58.6%
Loudon	4,114	2,357	1,992	84.5%	365	15.5%	553	188	34.0%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.1 (continued)
Concord NH LMA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to		Working In Town			Number of Workers	Percent of Total Working in
			Number of Workers	Percent	Number of Workers	Percent			
Northfield	4,498	2,317	1,887	81.4%	430	18.6%	900	470	52.2%
Northwood	3,124	1,494	1,149	76.9%	345	23.1%	555	210	37.8%
Nottingham	2,939	1,581	1,403	88.7%	178	11.3%	283	105	37.1%
Pembroke	6,561	3,616	3,149	87.1%	467	12.9%	1,530	1,063	69.5%
Pittsfield	3,701	1,726	1,141	66.1%	585	33.9%	1,140	555	48.7%
Salisbury	1,061	527	470	89.2%	57	10.8%	110	53	48.2%
Strafford	2,965	1,413	1,180	83.5%	233	16.5%	409	176	43.0%
Tilton	3,240	1,407	1,037	73.7%	370	26.3%	1,979	1,609	81.3%
Warner	2,250	1,192	883	74.1%	309	25.9%	507	198	39.1%
Washington	628	287	223	77.7%	64	22.3%	90	26	28.9%
Webster	1,405	755	662	87.7%	93	12.3%	146	53	36.3%
Windsor	107	81	67	82.7%	14	17.3%	31	17	54.8%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.2
Commuting Out - Concord NH LMA - 1990 Census

Towns:	Andover	Barnstead	Boscawen	Bow	Bradford
Estimated Residents Working:	957	1,610	1,649	2,948	685
Commuting to Another Town:	631	1,292	1,362	2,584	490
Commuting Rate:	65.9%	80.2%	82.6%	87.7%	71.5%
To Locations Within NH:	Concord 155 Franklin 135 New London 102 Boscawen 27 Tilton 19 Manchester 17 Laconia 13 Whitefield 12	Concord 403 Pittsfield 123 Manchester 92 Epsom 90 Alton 64 Hooksett 64 Laconia 36 Rochester 32	Concord 825 Manchester 126 Bow 78 Pembroke 60 Franklin 57 Hampton 37 Laconia 28 Derry 23	Concord 1,440 Manchester 375 Hooksett 125 Nashua 68 Dunbarton 58 Hopkinton 34 Merrimack 32 Derry 28	Concord 114 New London 53 Manchester 34 Henniker 33 Hopkinton 31 Newport 22 Warner 22 Sutton 18
Out Of State:	Maine 2 Massachusetts 13 Vermont 5 Other 0	Maine 7 Massachusetts 64 Vermont 6 Other 0	Maine 0 Massachusetts 7 Vermont 0 Other 0	Maine 0 Massachusetts 78 Vermont 9 Other 20	Maine 2 Massachusetts 42 Vermont 6 Other 2
Out Of State Locations:	Boston,MA 5	Billerica,MA 20 Newton,MA 18 Danvers,MA 13 Lawrence,MA 13	Lincoln,MA 7	Boston,MA 21 Cambridge,MA 14 Easton,MA 9 Vergennes,VT 9	Boston,MA 12 Andover,MA 6 Lynn,MA 6 Lowell,MA 5

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.2 (continued)
Commuting Out - Concord NH LMA - 1990 Census

Towns:	Canterbury		Chichester		Concord		Deerfield		Deering	
Estimated Residents Working:	916		1,063		17,775		1,582		793	
Commuting to Another Town:	775		904		5,616		1,277		685	
Commuting Rate:	84.6%		85.0%		31.6%		80.7%		86.4%	
To Locations Within NH:	Concord	402	Concord	528	Manchester	1,747	Manchester	250	Hillsboro	185
	Manchester	75	Manchester	73	Bow	456	Concord	126	Concord	78
	Laconia	38	Pittsfield	49	Bedford	290	Raymond	110	Manchester	73
	Bow	34	Bow	35	Hooksett	262	Hooksett	109	Peterboro	65
	Boscawen	24	Pembroke	28	Pembroke	259	Candia	53	Weare	33
	Franklin	23	Epsom	25	Nashua	187	Bedford	35	Nashua	21
	Nashua	23	Nashua	18	Hopkinton	164	Dover	33	Bennington	18
	Bedford	20	Hooksett	16	Boscawen	161	Portsmouth	30	Goffstown	18
Out Of State:	Maine	4	Maine	0	Maine	5	Maine	22	Maine	0
	Massachusetts	16	Massachusetts	23	Massachusetts	378	Massachusetts	115	Massachusetts	32
	Vermont	0	Vermont	0	Vermont	15	Vermont	0	Vermont	0
	Other	8	Other	8	Other	79	Other	13	Other	5
Out Of State Locations:			N.Andover,MA	6	Boston,MA	103	Lawrence,MA	20	Boston,MA	13
					Lowell,MA	23	Saugus,MA	18		
					Chelmsford,MA	21	Lowell,MA	16		
					N.Andover,MA	18	Lexington,MA	12		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.2 (continued)
 Commuting Out - Concord NH LMA - 1990 Census

Towns:	Dunbarton		Epsom		Franklin		Henniker		Hill	
Estimated Residents Working:	952		1,706		3,800		1,991		416	
Commuting to Another Town:	842		1,289		2,336		1,088		354	
Commuting Rate:	88.4%		75.6%		61.5%		54.6%		85.1%	
To Locations Within NH:	Manchester	248	Concord	543	Concord	795	Concord	295	Franklin	71
	Concord	229	Manchester	186	Laconia	304	Manchester	186	Bristol	56
	Goffstown	62	Hooksett	55	Tilton	256	Hillsborough	103	Concord	54
	Nashua	50	Bedford	43	Northfield	199	Hopkinton	88	Laconia	35
	Merrimack	39	Pembroke	34	Boscawen	120	Bedford	57	Tilton	28
	Hookset	32	Bow	33	Manchester	107	Bow	47	Plymouth	12
	Bedford	18	Allenstown	30	Belmont	68	Nashua	37	Manchester	10
	Hopkinton	13	Portsmouth	29	Andover	53	Bradford	31		
Out Of State:	Maine	4	Maine	55	Maine	0	Maine	0	Maine	0
	Massachusetts	42	Massachusetts	46	Massachusetts	29	Massachusetts	28	Massachusetts	6
	Vermont	0	Vermont	0	Vermont	0	Vermont	6	Vermont	0
	Other	0	Other	12	Other	18	Other	14	Other	0
Out Of State Locations:	Bedford,MA	11	Wells,ME	29	Ipswich,MA	18	Boston,MA	14		
	Haverhill,MA	6	Chicopee,MA	13	Andover,MA	11	Topsfield,MA	5		
	Tewksbury,MA	5	Wilmington,MA	9			Wilmington,MA	5		
			Woburn,MA	9			Rutland,VT	6		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.2 (continued)
 Commuting Out - Concord NH LMA - 1990 Census

Towns:	Hillsborough		Hopkinton		Loudon		Northfield		Northwood	
Estimated Residents Working:	2,249		2,397		2,357		2,317		1,494	
Commuting to Another Town:	1,230		1,782		1,992		1,887		1,149	
Commuting Rate:	54.7%		74.3%		84.5%		81.4%		76.9%	
To Locations Within NH:	Concord	152	Concord	1,033	Concord	1,182	Concord	407	Concord	239
	Henniker	151	Manchester	201	Manchester	200	Tilton	392	Portsmouth	79
	Ptr'borough	137	Bow	89	Laconia	77	Franklin	305	Manchester	75
	Manchester	136	Bedford	42	Hooksett	72	Laconia	288	Hooksett	65
	Antrim	74	Henniker	38	Pittsfield	62	Manchester	97	Newington	55
	Milford	53	Hillsborough	35	Bow	58	Belmont	55	Dover	46
	Deering	42	Laconia	27	Nashua	46	Boscawen	40	Exeter	46
	Hopkinton	41	Nashua	27	Boscawen	44	Gilmanton	32	Bedford	39
Out Of State:	Maine	29	Maine	0	Maine	0	Maine	0	Maine	42
	Massachusetts	39	Massachusetts	44	Massachusetts	34	Massachusetts	23	Massachusetts	76
	Vermont	16	Vermont	7	Vermont	0	Vermont	0	Vermont	0
	Other	9	Other	15	Other	0	Other	14	Other	6
Out Of State Locations:	Portland,ME	16	Boston,MA	22	Burlington,MA	9	Waltham,MA	8	Kittery,ME	31
	Standish,ME	13	Wakefield,MA	10	Billerica,MA	7	Boston,MA	5	Cambridge,MA	14
	Dracut,MA	13	Andover,MA	6	Boston,MA	6			N.Andover,MA	12
	S.Burl'gton,VT	9	Brattleboro,VT	7	Lynn,MA	6			Boston,MA	11

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.2 (continued)
 Commuting Out - Concord NH LMA - 1990 Census

Towns:	Nottingham		Pembroke		Pittsfield		Salisbury		Strafford	
Estimated Residents Working:	1,581		3,616		1,726		527		1,413	
Commuting to Another Town:	1,403		3,149		1,141		470		1,180	
Commuting Rate:	88.7%		87.1%		66.1%		89.2%		83.5%	
To Locations Within NH:	Portsmouth	125	Concord	1,347	Concord	490	Concord	171	Rochester	222
	Durham	114	Manchester	627	Manchester	153	Franklin	51	Dover	133
	Manchester	94	Hooksett	316	Hooksett	59	Hopkington	35	Durham	74
	Raymond	69	Bedford	97	Epsom	53	Manchester	29	Portsmouth	71
	Exeter	65	Merrimack	95	Pembroke	53	Boscawen	26	Concord	69
	Hampton	48	Allenstown	87	Bedford	33	Hooksett	23	Manchester	56
	Epping	46	Nashua	83	Laconia	32	Bedford	18	Newington	36
	Dover	44	Bow	66	Barnstead	25	Bow	17	Pittsfield	34
Out Of State:	Maine	50	Maine	17	Maine	21	Maine	2	Maine	86
	Massachusetts	147	Massachusetts	132	Massachusetts	34	Massachusetts	11	Massachusetts	67
	Vermont	2	Vermont	7	Vermont	0	Vermont	0	Vermont	0
	Other	24	Other	11	Other	0	Other	2	Other	27
Out Of State Locations:	Kittery,ME	32	Boston,MA	35	Kennebunk,ME	13	Andover,MA	4	Kittery,ME	67
	Andover,MA	23	Andover,MA	20	Lawrence,MA	11			Swampscott,MA	24
	N.Andover,MA	23	N.Andover,MA	17	Norton,MA	9			York,ME	10
	Newburyport,MA	11	Biddeford,ME	17	Kittery,ME	8			Ogunquit,ME	9

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.3
Commuting In - Concord NH LMA - 1990 Census

Towns:	Andover	Barnstead	Boscawen	Bow	Bradford
Estimated Residents Working:	584	533	931	2,242	460
Commuting to Another Town:	258	215	644	1,878	265
Commuting Rate:	44.2%	40.3%	69.2%	83.8%	57.6%
To Locations Within NH:	Franklin 53 Danbury 31 New London 28 Wilmot 24 Sutton 12 Sunapee 10 Salem 10 Windham 10	Alton 48 Pittsfield 25 Gilmanton 23 Strafford 22 Franklin 20 Hooksett 11	Concord 161 Franklin 120 Loudon 44 Tilton 41 Northfield 40 Andover 27 Salisbury 26 Canterbury 24	Concord 456 Manchester 208 Hooksett 89 Hopkinton 89 Pembroke 66 Loudon 58 Allenstown 48 Henniker 47	Newbury 38 Hillsborough 35 Henniker 31 Sutton 30 Newport 26 Warner 16 New London 15 Claremont 12
Out Of State:	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 18 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 17 Massachusetts 6 Vermont 2 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0
Out Of State Locations:		Wells,ME 18		Bethel,ME 7 Rumford,ME 7 N.Reading,MA 6	

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.3 (continued)
 Commuting In - Concord NH LMA - 1990 Census

Towns:	Canterbury		Chichester		Concord		Deerfield		Deering	
Estimated Residents Working:	287		407		31,096		400		336	
Commuting to Another Town:	146		248		18,937		95		228	
Commuting Rate:	50.9%		60.9%		60.9%		23.8%		67.9%	
To Locations Within NH:	Concord	35	Concord	61	Bow	1,440	Manchester	30	Hillsborough	42
	Boscawen	17	Epsom	17	Pembroke	1,347	Allenstown	16	Weare	39
	Northfield	17	Pittsfield	16	Manchester	1,213	Hillsborough	11	Concord	22
	Loudon	16	Deerfield	15	Loudon	1,182			Loudon	19
	Barrington	11	Boscawen	13	Hopkinton	1,033			Antrim	13
			Laconia	12	Boscawen	825			Henniker	11
			Hooksett	11	Franklin	795			Jaffrey	10
			Pembroke	11	Epsom	543				
Out Of State:	Maine	0	Maine	0	Maine	125	Maine	0	Maine	0
	Massachusetts	0	Massachusetts	0	Massachusetts	151	Massachusetts	9	Massachusetts	0
	Vermont	0	Vermont	0	Vermont	36	Vermont	0	Vermont	0
	Other	0	Other	0	Other	135	Other	0	Other	7
Out Of State Locations:					York,ME	37	Newb'port,MA	9		
					Lawrence,MA	21				
					Billerica,MA	16				
					Sanford,ME	15				

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.3 (continued)
 Commuting In - Concord NH LMA - 1990 Census

Towns:	Dunbarton		Epsom		Franklin		Henniker		Hill	
Estimated Residents Working:	212		862		2,934		1,426		100	
Commuting to Another Town:	102		445		1,470		523		38	
Commuting Rate:	48.1%		51.6%		50.1%		36.7%		38.0%	
To Locations Within NH:	Bow	58	Barnstead	90	Northfield	305	Hillsborough	151	Meredith	13
	Warner	11	Pittsfield	53	Andover	135	Concord	78		
	Concord	11	Northwood	46	Sanbornton	98	Weare	45		
	Goffstown	10	Concord	37	Tilton	97	Hopkinton	38		
			Chichester	25	Concord	89	Bradford	33		
			Alton	25	Laconia	80	Warner	18		
			Allenstown	24	Boscawen	57	Newbury	16		
			Bow	16	Belmont	53	Sutton	10		
Out Of State:	Maine	3	Maine	3	Maine	0	Maine	9	Maine	0
	Massachusetts	0	Massachusetts	0	Massachusetts	9	Massachusetts	20	Massachusetts	0
	Vermont	0	Vermont	0	Vermont	11	Vermont	5	Vermont	0
	Other	0	Other	0	Other	0	Other	18	Other	0
Out Of State Locations:	Coplin,ME	3	Dama'cotta,ME	3	Marlboro,MA	9	Georget'n,MA	17		
					Hartford,VT	9	Auburn,ME	9		
							Newfane,VT	5		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.3 (continued)
 Commuting In - Concord NH LMA - 1990 Census

Towns:	Hillsborough	Hopkinton	Loudon	Northfield	Northwood
Estimated Residents Working:	2,366	1,484	553	900	555
Commuting to Another Town:	1,347	869	188	470	210
Commuting Rate:	56.9%	58.6%	34.0%	52.2%	37.8%
To Locations Within NH:	Deering 185 Antrim 172 Henniker 103 Manchester 102 Washington 97 Weare 56 Concord 56 Windsor 52	Concord 164 Henniker 88 Warner 71 Webster 49 Hillsborough 41 Salisbury 35 Bow 34 Bradford 31	Concord 50 Tilton 16 Franklin 15 Belmont 14 Barnstead 12 Chichester 10	Franklin 199 Tilton 80 Belmont 63 Laconia 43 Concord 16	Nottingham 31 Concord 20 Strafford 18 Barnstead 17 Barrington 17 Pembroke 15 Newmarket 10
Out Of State:	Maine 4 Massachusetts 11 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 2	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0
Out Of State Locations:	Malden,MA 6 Acton,MA 5				

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.3 (continued)
 Commuting In - Concord NH LMA - 1990 Census

Towns:	Nottingham		Pembroke		Pittsfield		Salisbury		Strafford	
Estimated Residents Working:	283		1,530		1,140		110		409	
Commuting to Another Town:	105		1,063		555		53		176	
Commuting Rate:	37.1%		69.5%		48.7%		48.2%		43.0%	
To Locations Within NH:	Rochester	15	Concord	259	Barnstead	123	Manchester	14	Rochester	42
	Epping	13	Manchester	163	Loudon	62			Barrington	28
	Newmarket	12	Allenstown	119	Chichester	49			Milton	22
	Strafford	12	Hooksett	63	Strafford	34			Northwood	18
	Farmington	10	Boscawen	60	Derry	26			Farmington	12
			Pittsfield	53	Belmont	24				
			Epsom	34	Pembroke	24				
			Chichester	28	Manchester	19				
Out Of State:	Maine	0	Maine	0	Maine	0	Maine	0	Maine	0
	Massachusetts	0	Massachusetts	8	Massachusetts	0	Massachusetts	0	Massachusetts	0
	Vermont	0	Vermont	0	Vermont	0	Vermont	0	Vermont	0
	Other	0	Other	0	Other	0	Other	0	Other	0
Out Of State Locations:			Fitchburg,MA	8						

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 5.3 (continued)
 Commuting In - Concord NH LMA - 1990 Census

Towns:	Tilton	Warner	Washington	Webster	Windsor
Estimated Residents Working:	1,979	507	90	146	31
Commuting to Another Town:	1,609	198	26	53	17
Commuting Rate:	81.3%	39.1%	28.9%	36.3%	54.8%
To Locations Within NH:	Northfield 392 Franklin 256 Laconia 185 Belmont 154 Sanbornton 120 Concord 65 Gilford 57 Hill 28	Sutton 33 Bradford 22 Newbury 22 Concord 21 Manchester 14 New London 14 Webster 11	Claremont 9	Hopkinton 13 Pittsfield 10	Antrim 12
Out Of State:	Maine 3 Massachusetts 19 Vermont 7 Other 0	Maine 0 Massachusetts 0 Vermont 10 Other 0	Maine 0 Massachusetts 6 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0
Out Of State Locations:	Lowell,MA 10 Dedham,MA 9 Johnson,VT 5	Westmin'ter,VT 4 Hartford,VT 4	Gardner,MA 6		

6.0 Conway NH Labor Market Area

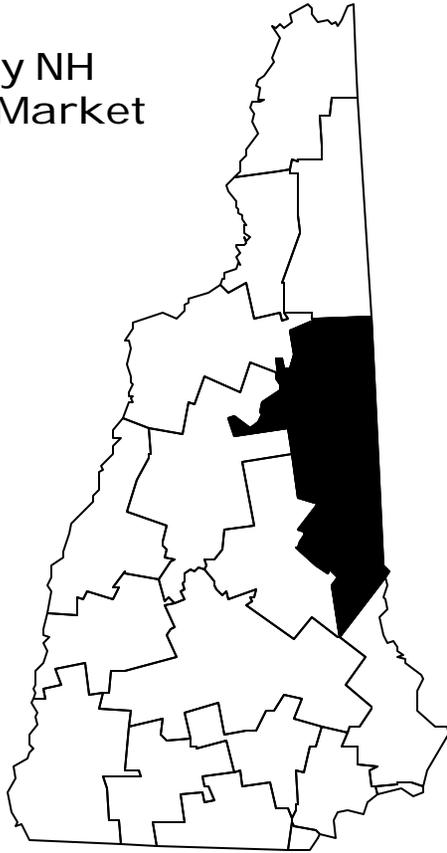


Table 6.1 displays the new labor market area commuting summary for Conway. Previous LMA formation had the Conway area part of the former (1980) Berlin Labor Market Area. The new LMA includes 28 towns and unincorporated places, with Conway, Wolfeboro, and Ossipee having the largest populations and estimated numbers of residents working. Several of the unincorporated places are in the White Mountain National Forest and have no population and no commuting activity. The LMA totaled 16,356 estimated residents working, with 8,347 of those commuting out to another New Hampshire location or another

state. Total size of workforce for the 19 LMA locations with commuting activity amounted to 15,216, with 8,009 of that number residents of the town or place they work in. The major roadways connecting the LMA are US302 and NH16. Other urban and rural routes that link the southern portion of the LMA are NH112, NH113, NH153, and NH171. The LMA has one town and one location which had unique commuting numbers. Hale's Location was mentioned in "Trivia Commute" (see page 1), as a place with no population, but 20 jobs, by necessity all filled by nonresidents. The Town of Hart's Location on the other hand, had seven positions, all filled by its residents. Fifteen other residents of Hart's Location commuted out. Many of the area locations had a percentage rate in the 40-60 percent range for nonresidents commuting in, indicating Conway LMA towns overall came somewhat close to averaging a 50-50 split, residents and nonresidents, in their workforce population.

The commuting out data (see Table 6.2) shows the Town of Conway did not dominate the LMA numbers as most towns of larger population tend to. Wakefield had more workers commuting out with a total of 962. Bartlett dispatched more workers (508), out to one town (Conway), than any other in the LMA. One statistic for which Conway was notable, however, is that its commuting out rate was indeed the smallest in the LMA. In an LMA where the commuting out rate for most places ran 50 to 70 percent, Conway as a major employment center, had a rate of just 20.4%. The only other town with a commuting-out rate in the vicinity of Conway's, and for the same reason, was Wolfeboro (30.8%). When it came to commuting out of state, due to geographic

location, the LMA sent more workers to Maine than the other border states. The labor market provided a significant number of workers to Massachusetts during the census period, but not quite matching the number that went to Maine. Fryeburg and Kittery were the primary destinations in Maine, especially Fryeburg, right across the border on US302. Fryeburg headed the commuting out-of-state lists for eight of the LMA towns. In fact, Fryeburg was the second most popular destination for workers from the Town of Conway, in or out of state. The appearance of Bay State cities/towns on the lists are generally scattered about, with Boston showing up most frequently.

As mentioned, Hale's Location hit it big on Table 6.3, the commuting-in table for the Conway LMA. With no residents, it's "an easy road" to a 100% commuting-in rate. Most other locations in the LMA, however, reported rates of 40-50 percent, with a few places in the 20-30 percent range. Conway's number of commuters from Bartlett led all the lists, but Conway also received at least 95 or more commuters from Madison, Tamworth, Albany, Freedom, Jackson, and Ossipee. Other commuting-in numbers worthy of mention were 287 Tuftonboro residents to Wolfeboro, 235 Conway commuters to Bartlett, and 191 Wolfeboro workers to Ossipee. Table 6.3's commuting-in data for the out-of-state category displays a sizable figure for the Town of Conway, 1,039 workers commuting in from Maine, 438 of them from Fryeburg. Massachusetts provided a few commuters to Conway, Freedom, Tamworth, and Wolfeboro, but the most notable entry was 21 Peabody MA workers employed in Wakefield during the census period.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 6.1
Conway NH LMA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Albany	536	264	212	80.3%	52	19.7%	132	80	60.6%
Bartlett	2,290	1,188	708	59.6%	480	40.4%	918	438	47.7%
Brookfield	518	264	204	77.3%	60	22.7%	78	18	23.1%
Chatham	268	122	88	72.1%	34	27.9%	54	20	37.0%
Conway	7,940	3,948	805	20.4%	3,143	79.6%	6,211	3,068	49.4%
Eaton	362	181	117	64.6%	64	35.4%	96	32	33.3%
Effingham	941	378	302	79.9%	76	20.1%	159	83	52.2%
Freedom	935	439	350	79.7%	89	20.3%	179	90	50.3%
Hale's Location	0	0	0	0.0%	0	0.0%	20	20	100.0%
Hart's Location	36	22	15	68.2%	7	31.8%	7	0	0.0%
Jackson	678	358	191	53.4%	167	46.6%	402	235	58.5%
Madison	1,704	784	581	74.1%	203	25.9%	402	199	49.5%
Middleton	1,183	564	501	88.8%	63	11.2%	145	82	56.6%
New Durham	1,974	958	789	82.4%	169	17.6%	230	61	26.5%
Ossipee	3,309	1,358	645	47.5%	713	52.5%	1,750	1,037	59.3%
Tamworth	2,165	1,030	635	61.7%	395	38.3%	600	205	34.2%
Tuftonboro	1,842	790	538	68.1%	252	31.9%	461	209	45.3%
Wakefield	3,057	1,422	962	67.7%	460	32.3%	635	175	27.6%
Wolfeboro	4,807	2,286	704	30.8%	1,582	69.2%	2,737	1,155	42.2%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 6.2
Commuting Out - Conway NH LMA - 1990 Census

Towns:	Albany		Bartlett		Brookfield		Chatham		Conway	
Estimated Residents Working:	264		1,188		264		122		3,948	
Commuting to Another Town:	212		708		204		88		805	
Commuting Rate:	80.3%		59.6%		77.3%		72.1%		20.4%	
To Locations Within NH:	Conway 143 Bartlett 20 Madison 19		Conway 508 Jackson 84 Carroll 16 Gorham 13		Wolfeboro 61 Wakefield 26 Rochester 23 Dover 18		Conway 68		Bartlett 235 Madison 68 Albany 57 Tamworth 39 Ossipee 35 Jackson 32 Concord 26 Eaton 18	
Out Of State:	Maine 11 Massachusetts 0 Vermont 0 Other 0		Maine 8 Massachusetts 16 Vermont 2 Other 9		Maine 10 Massachusetts 12 Vermont 2 Other 3		Maine 16 Massachusetts 0 Vermont 0 Other 0		Maine 133 Massachusetts 27 Vermont 2 Other 9	
Out Of State Locations:	Fryeburg,ME 7		Boston,MA 6		Kittery,ME 6		Fryeburg,ME 11		Fryeburg,ME 71 Paris,ME 10 Woburn,MA 10 Brownfield,ME 9	

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 6.2 (continued)
 Commuting Out - Conway NH LMA - 1990 Census

Towns:	Eaton	Effingham	Freedom	Hale's Location	Hart's Location
Estimated Residents Working:	181	378	439	0	22
Commuting to Another Town:	117	302	350	0	15
Commuting Rate:	64.6%	79.9%	79.7%	0.0%	68.2%
To Locations Within NH:	Conway 75	Ossipee 128 Conway 32 Wolfeboro 31 Freedom 13	Conway 125 Ossipee 101 Tamworth 18 Effingham 17		Bartlett 10
Out Of State:	Maine 6 Massachusetts 4 Vermont 0 Other 2	Maine 19 Massachusetts 10 Vermont 0 Other 11	Maine 20 Massachusetts 13 Vermont 0 Other 2	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0
Out Of State Locations:	Fryeburg,ME 4	Fryeburg,ME 6 Cornish,ME 5	Lynn,MA 5		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 6.2 (continued)
 Commuting Out - Conway NH LMA - 1990 Census

Towns:	Jackson	Madison	Middleton	New Durham	Ossipee
Estimated Residents Working:	358	784	564	958	1,358
Commuting to Another Town:	191	581	501	789	645
Commuting Rate:	53.4%	74.1%	88.8%	82.4%	47.5%
To Locations Within NH:	Conway 112 Bartlett 37 Berlin 18	Conway 399 Ossipee 41 Wolfeboro 15 Freedom 14 Tamworth 12 Bartlett 11 Jackson 11 Carroll 10	Rochester 104 Farmington 90 Wolfeboro 40 Dover 38 Somersworth 31 Portsmouth 21 Newington 14	Rochester 163 Farmington 91 Dover 67 Wolfeboro 66 Portsmouth 40 Alton 36 Somersworth 31 Durham 28	Wolfeboro 164 Conway 96 Tamworth 51 Meredith 40 Concord 37 Madison 32 Middleton 24 Tuftonboro 22
Out Of State:	Maine 1 Massachusetts 8 Vermont 0 Other 0	Maine 18 Massachusetts 20 Vermont 0 Other 6	Maine 48 Massachusetts 39 Vermont 0 Other 3	Maine 54 Massachusetts 23 Vermont 0 Other 4	Maine 38 Massachusetts 54 Vermont 3 Other 8
Out Of State Locations:	Cambridge,MA 5	Fryeburg,ME 6 Burlington,MA 6 Boston,MA 5	Kittery,ME 19 Boston,MA 9 N.Berwick,ME 8 S.Berwick,ME 8	Kittery,ME 28 N.Berwick,ME 10 Waltham,MA 5	Limerick,ME 16 Woburn,MA 12 Boston,MA 11 Wilmington,MA 9

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 6.2 (continued)
 Commuting Out - Conway NH LMA - 1990 Census

Towns:	Tamworth		Tuftonboro		Wakefield		Wolfeboro	
Estimated Residents Working:	1,030		790		1,422		2,286	
Commuting to Another Town:	635		538		962		704	
Commuting Rate:	61.7%		68.1%		67.7%		30.8%	
To Locations Within NH:	Conway	208	Wolfeboro	287	Rochester	197	Ossipee	191
	Ossipee	127	Ossipee	55	Ossipee	119	Tuftonboro	90
	Wolfeboro	53	Moultonboro	31	Wolfeboro	103	Laconia	62
	Moultonboro	36	Alton	13	Portsmouth	65	Moultonboro	35
	Madison	28	Concord	12	Dover	51	Farmington	33
	Laconia	25	Meredith	12	Farmington	39	Carroll	32
	Sandwich	25			Somersworth	33	Concord	32
	Meredith	22			Exeter	26	Manchester	19
Out Of State:	Maine	9	Maine	14	Maine	87	Maine	29
	Massachusetts	26	Massachusetts	23	Massachusetts	91	Massachusetts	29
	Vermont	0	Vermont	0	Vermont	19	Vermont	0
	Other	6	Other	9	Other	5	Other	0
Out Of State Locations:	Fryeburg,ME	7	S.Portland,ME	8	Kittery,ME	28	Fitchburg,MA	16
			Boston,MA	7	Ayer,MA	22	Augusta,ME	14
			Bolton,MA	6	Portland,ME	21	Gray,ME	8
					Williston,VT	19	Weld,ME	7

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 6.3
Commuting In - Conway NH LMA - 1990 Census

Towns:	Albany	Bartlett	Brookfield	Chatham	Conway
Estimated Residents Working:	132	918	78	54	6,211
Commuting to Another Town:	80	438	18	20	3,068
Commuting Rate:	60.6%	47.7%	23.1%	37.0%	49.4%
To Locations Within NH:	Conway 57	Conway 235 Jackson 37 Berlin 27 Albany 20 Madison 11 Hart's Loc. 10	Wakefield 4		Bartlett 508 Madison 399 Tamworth 208 Albany 143 Freedom 125 Jackson 112 Ossipee 96 Eaton 75
Out Of State:	Maine 5 Massachusetts 0 Vermont 0 Other 7	Maine 41 Massachusetts 7 Vermont 10 Other 7	Maine 13 Massachusetts 0 Vermont 0 Other 0	Maine 20 Massachusetts 0 Vermont 0 Other 0	Maine 1,039 Massachusetts 21 Vermont 15 Other 11
Out Of State Locations:	Fryeburg,ME 5	Fryeburg,ME 13 Bridgton,ME 8 Sweden,ME 7 Saugus,MA 7	York,ME 7	Fryeburg,ME 8 Stow,ME 8	Fryeburg,ME 438 Brownfield,ME 157 Lovell,ME 71 Denmark,ME 58

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 6.3 (continued)
 Commuting In - Conway NH LMA - 1990 Census

Towns:	Eaton	Effingham	Freedom	Hale's Location	Hart's Location
Estimated Residents Working:	96	159	179	20	7
Commuting to Another Town:	32	83	90	20	0
Commuting Rate:	33.3%	52.2%	50.3%	100.0%	0.0%
To Locations Within NH:	Conway 18	Ossipee 21 Freedom 17	Madison 14 Effingham 13	Conway 13	
Out Of State:	Maine 9 Massachusetts 0 Vermont 0 Other 0	Maine 12 Massachusetts 11 Vermont 0 Other 0	Maine 13 Massachusetts 15 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0
Out Of State Locations:	Fryeburg,ME 7	Malden,MA 11 Par'nfield,ME 8	Boston,MA 15 Hiram,ME 5		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 6.3 (continued)
Commuting In - Conway NH LMA - 1990 Census

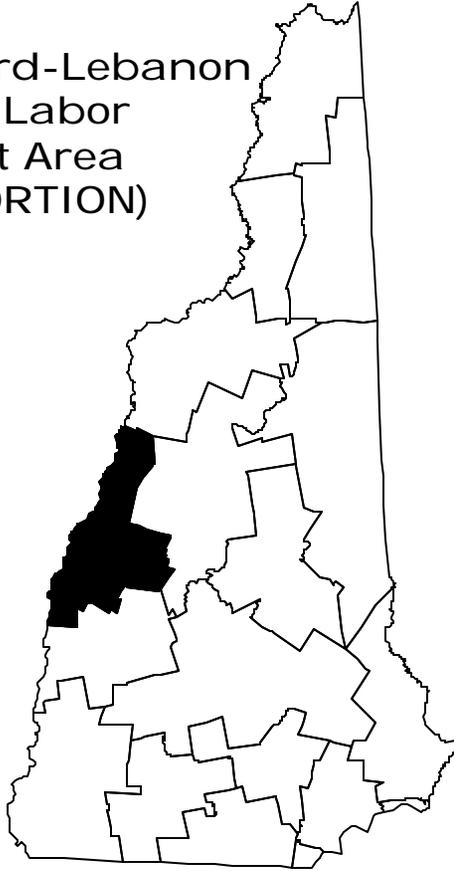
Towns:	Jackson		Madison		Middleton		New Durham		Ossipee	
Estimated Residents Working:	402		402		145		230		1,750	
Commuting to Another Town:	235		199		82		61		1,037	
Commuting Rate:	58.5%		49.5%		56.6%		26.5%		59.3%	
To Locations Within NH:	Bartlett	84	Conway	68	Ossipee	24	Rochester	22	Wolfeboro	191
	Berlin	45	Ossipee	32	Farmington	22			Effingham	128
	Conway	32	Tamworth	28	Barrington	10			Tamworth	127
	Gilmanton	14	Albany	19					Wakefield	119
	Madison	11							Freedom	101
	Gorham	10							Tuftonboro	55
									Madison	41
									Conway	35
Out Of State:	Maine	19	Maine	15	Maine	2	Maine	2	Maine	81
	Massachusetts	0	Massachusetts	0	Massachusetts	0	Massachusetts	0	Massachusetts	8
	Vermont	0								
	Other	0	Other	0	Other	0	Other	0	Other	2
Out Of State Locations:	Lovell,ME	8	Fryeburg,ME	4					Par'sfield,ME	29
	Porter,ME	6							Newfield,ME	15
									Hiram,ME	10
									Porter,ME	9

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 6.3 (continued)
Commuting In - Conway NH LMA - 1990 Census

Towns:	Tamworth	Tuftonboro	Wakefield	Wolfeboro		
Estimated Residents Working:	600	461	635	2,737		
Commuting to Another Town:	205	209	175	1,155		
Commuting Rate:	34.2%	45.3%	27.6%	42.2%		
To Locations Within NH:	Ossipee 51 Conway 39 Sandwich 22 Freedom 18 Madison 12	Wolfeboro 90 Ossipee 22 Meredith 17 Tamworth 17 Alton 10	Brookfield 26 Milton 15 New Durham 11	Tuftonboro 287 Ossipee 164 Alton 125 Wakefield 103 New Durham 66 Brookfield 61 Tamworth 53 Middleton 40		
Out Of State:	Maine 13 Massachusetts 10 Vermont 0 Other 0	Maine 12 Massachusetts 0 Vermont 0 Other 0	Maine 36 Massachusetts 21 Vermont 0 Other 0	Maine 10 Massachusetts 13 Vermont 2 Other 10		
Out Of State Locations:	Lynnfield,MA 10 Fryeburg,ME 6	Auburn,ME 5	Peabody,MA 21 Newfield,ME 12 Acton,ME 8 Par'sfield,ME 8	Hopkinton,MA 9 Par'sfield,ME 8		

7.0 Hartford-Lebanon VT-NH Labor Market Area (NH PORTION)



The New Hampshire portion of the new Hartford-Lebanon VT-NH Labor Market Area, which contains less than half the population of the total interstate LMA, is made up of the City of Lebanon and eleven towns. Most of these were part of the 1980 version of the Claremont LMA. Lebanon and Hanover are the two communities with the largest population in the New Hampshire portion. They had estimated residents working counts of 6,577 and 4,006, respectively. For the entire New Hampshire portion of the LMA, the estimated residents working tally amounted to 19,071. Of these, 8,710 residents remained in their respective communities for work. The rest, numbering

10,361, commuted out of town or out of state for employment. According to Table 7.1, the aggregate number of the workforce in the New Hampshire portion of the LMA towns, including residents and nonresidents alike, totaled 25,362. With that many commuters moving about, much of the roadway traffic in the greater Lebanon area is borne by Routes I89, US4, NH10, NH12A, NH120, and I91 (Vermont). In the following discussion, "LMA" will refer to just the New Hampshire portion.

An overall look at the numbers and rates (see Table 7.1) produced by the Town of Hanover results in some interesting issues. As a university town Hanover is somewhat unique in that most residents worked within the town (more than 80 percent, see below), had a small commute-out total (733), but also enjoyed a very large nonresident commute-in total. Traditional commuting patterns usually produce a scenario of; if a large number of residents work within the town, then the ratio of nonresident workers commuting-in is small by comparison. Hanover retained 3,273 residents working in the town for a 81.7% resident rate, while 8,009 nonresidents commuted in, producing a 71.0% nonresident rate. Hanover had the largest workforce in the LMA and it was even larger than its resident population. It should be noted that the 1991 move of the Dartmouth Hitchcock Medical Center (known as one of the area's largest employers) a few miles south to just inside the Lebanon city limits, has drastically changed these numbers. The distances commuted, though, have probably changed very little.

The Town of Hanover had the lowest commute-out rate (18.3%) in the New Hampshire portion of the LMA. Table 7.2 indicates Orange was on the opposite end of the LMA spectrum with a 93.5% commute-out rate. In fact, for nine of the twelve LMA city/towns commuting out

was high, with the rates in the 70-80 percent range. Lebanon and Hanover were the destinations of most of these commuters, as they topped the commute-out lists for 11 of the 12 city/towns. Only Orange sent more commuters to another town (Canaan), but Lebanon and Hanover still placed two and three, respectively, on Orange's out-going list. The largest numbers were generated by Lebanon and Enfield, as the former sent 1,817 commuters to Hanover (Routes NH10, NH120, or local streets and roads), and the latter sent 903 workers to Lebanon (mostly via I89 or US4). New Hampshire residents working out-of-state commuted across the Connecticut River to Vermont in large numbers, with a few going to Massachusetts, and fewer still going to Maine. The total number to Vermont was 1,843, with Hartford VT, location of the VA Hospital and the US Mail Processing Center, receiving 1,005 of the total. The largest single town-to-town connection was 550 City of Lebanon residents commuting to Hartford.

Commuting-in rates (see Table 7.3), ranged between 40-50 percent for six of the twelve LMA city/towns. As expected, a large number of Lebanon workers (1,817) commuted to Hanover, but a much smaller Hanover number (328) commuted to the city. Again, these numbers may now be reversed since the Medical Center has moved from Hanover to Lebanon. The next largest commute within the LMA was 903 Enfield workers commuting into the City of Lebanon. A total of 6,619 Vermont residents commuted into the LMA, with Hartford, the second largest town in the interstate area placing number one most frequently on New Hampshire towns commute-in lists. The number of commuters from Hartford, just based on first place showings on Table 7.3 out-of-state lists, exceeded 3,700. Hartford dispatched 951 workers to Lebanon and 894 to Hanover.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 7.1
Hartford-Lebanon VT-NH LMA (NH Portion) - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Canaan	3,045	1,521	1,101	72.4%	420	27.6%	702	282	40.2%
Cornish	1,659	859	658	76.6%	201	23.4%	327	126	38.5%
Enfield	3,979	2,264	1,863	82.3%	401	17.7%	722	321	44.5%
Grafton	923	319	268	84.0%	51	16.0%	214	163	76.2%
Grantham	1,247	539	435	80.7%	104	19.3%	362	258	71.3%
Hanover	9,212	4,006	733	18.3%	3,273	81.7%	11,282	8,009	71.0%
Lebanon	12,183	6,577	3,072	46.7%	3,505	53.3%	9,821	6,316	64.3%
Lyme	1,496	798	527	66.0%	271	34.0%	645	374	58.0%
Orange	237	215	201	93.5%	14	6.5%	29	15	51.7%
Orford	1,008	488	353	72.3%	135	27.7%	314	179	57.0%
Piermont	624	334	260	77.8%	74	22.2%	139	65	46.8%
Plainfield	2,056	1,151	890	77.3%	261	22.7%	805	544	67.6%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 7.2

Commuting Out - Hartford-Lebanon VT-NH LMA (NH Portion) - 1990 Census

Towns:	Canaan		Cornish		Enfield		Grafton		Grantham	
Estimated Residents Working:	1,521		859		2,264		319		539	
Commuting to Another Town:	1,101		658		1,863		268		435	
Commuting Rate:	72.4%		76.6%		82.3%		84.0%		80.7%	
To Locations Within NH:	Lebanon	497	Claremont	152	Lebanon	903	Lebanon	75	Lebanon	134
	Hanover	313	Lebanon	144	Hanover	601	Hanover	57	Hanover	84
	Enfield	97	Hanover	89	Canaan	55	Canaan	35	Newport	45
	Claremont	14	Plainfield	48	Springfield	27	Enfield	21	New London	40
	Orange	11	Newport	36	New London	21	New London	14	Claremont	12
					Claremont	13	Bristol	10		
					Lyme	11				
Out Of State:	Maine	0	Maine	0	Maine	0	Maine	0	Maine	0
	Massachusetts	0	Massachusetts	7	Massachusetts	0	Massachusetts	8	Massachusetts	18
	Vermont	98	Vermont	122	Vermont	170	Vermont	15	Vermont	28
	Other	8	Other	6	Other	22	Other	0	Other	16
Out Of State Locations:	Hartford,VT	59	Windsor,VT	51	Hartford,VT	127	Hartland,VT	6	Hartford,VT	18
	Topsham,VT	8	Hartford,VT	46	Norwich,VT	15	Hartford,VT	5	Burlington,MA	5
	Springfield,VT	7	Weath'field,VT	10	Windsor,VT	12				
	Burlington,VT	6	Springfield,VT	7	Cavendish,VT	6				

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 7.2 (continued)
 Commuting Out - Hartford-Lebanon VT-NH LMA (NH Portion) - 1990 Census

Towns:	Hanover		Lebanon		Lyme		Orange		Orford	
Estimated Residents Working:	4,006		6,577		798		215		488	
Commuting to Another Town:	733		3,072		527		201		353	
Commuting Rate:	18.3%		46.7%		66.0%		93.5%		72.3%	
To Locations Within NH:	Lebanon	328	Hanover	1,817	Hanover	323	Canaan	62	Hanover	142
	Lyme	35	Enfield	60	Lebanon	75	Lebanon	54	Lebanon	46
	Plainfield	26	Lyme	57			Hanover	37	Lyme	33
	New London	22	Grafton	46			Enfield	15	Warren	15
	Grafton	13	Canaan	36					Haverhill	11
	Littleton	13	Claremont	31						
	Claremont	12	Grantham	23						
	Enfield	11	Newport	23						
Out Of State:	Maine	0	Maine	0	Maine	0	Maine	0	Maine	0
	Massachusetts	0	Massachusetts	37	Massachusetts	0	Massachusetts	0	Massachusetts	1
	Vermont	191	Vermont	780	Vermont	107	Vermont	10	Vermont	70
	Other	39	Other	33	Other	12	Other	0	Other	0
Out Of State Locations:	Hartford,VT	100	Hartford,VT	550	Hartford,VT	42	Norwich,VT	5	Hartford,VT	29
	Norwich,VT	39	Norwich,VT	57	Norwich,VT	27	Topsham,VT	5	Fairlee,VT	18
	St.Johnsbury,VT	11	Hartford,VT	50	Thetford,VT	15			Bradford,VT	17
	Bethel,VT	9	Topsham,VT	21	Fairlee,VT	13				

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 7.2 (continued)
 Commuting Out - Hartford-Lebanon VT-NH LMA (NH Portion) - 1990 Census

Towns:	Piermont	Plainfield			
Estimated Residents Working:	334	1,151			
Commuting to Another Town:	260	890			
Commuting Rate:	77.8%	77.3%			
To Locations Within NH:					
	Hanover 65	Lebanon 382			
	Lebanon 26	Hanover 230			
	Haverhill 23	Cornish 23			
	Orford 16	Claremont 22			
	Lyme 12				
Out Of State:					
	Maine 0	Maine 6			
	Massachusetts 0	Massachusetts 6			
	Vermont 101	Vermont 151			
	Other 0	Other 21			
Out Of State Locations:					
	Bradford,VT 59	Hartford,VT 80			
	Hartford,VT 9	Norwich,VT 22			
	Newbury,VT 8	Windsor,VT 13			
	Fairlee,VT 5	Springfield,VT 9			

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 7.3
Commuting In - Hartford-Lebanon VT-NH LMA (NH Portion) - 1990 Census

Towns:	Canaan		Cornish		Enfield		Grafton		Grantham	
Estimated Residents Working:	702		327		722		214		362	
Commuting to Another Town:	282		126		321		163		258	
Commuting Rate:	40.2%		38.5%		44.5%		76.2%		71.3%	
To Locations Within NH:	Orange	62	Claremont	66	Canaan	97	Lebanon	46	New London	48
	Enfield	55	Plainfield	23	Lebanon	60	Hanover	13	Newport	47
	Lebanon	36	Lebanon	14	Grafton	21	Haverhill	11	Lebanon	23
	Grafton	35			New London	21			Sunapee	22
	Bristol	13			Orange	15			Claremont	21
	Franklin	12			Charlestown	13			Springfield	16
					Hanover	11				
Out Of State:	Maine	0	Maine	0	Maine	0	Maine	0	Maine	0
	Massachusetts	7	Massachusetts	0	Massachusetts	0	Massachusetts	0	Massachusetts	0
	Vermont	5	Vermont	21	Vermont	42	Vermont	13	Vermont	12
	Other	0	Other	0	Other	0	Other	0	Other	6
Out Of State Locations:	Cambridge,MA	7	Hartland,VT	7	Hartford,VT	31	Hartford,VT	6	Weath'field,VT	6
	Thetford,VT	5	Norwich,VT	6	Sharon,VT	5				
			Windsor,VT	5						

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 7.3 (continued)
 Commuting In - Hartford-Lebanon VT-NH LMA (NH Portion) - 1990 Census

Towns:	Hanover		Lebanon		Lyme		Orange		Orford	
Estimated Residents Working:	11,282		9,821		645		29		314	
Commuting to Another Town:	8,009		6,316		374		15		179	
Commuting Rate:	71.0%		64.3%		58.0%		51.7%		57.0%	
To Locations Within NH:	Lebanon	1,817	Enfield	903	Lebanon	57	Canaan	11	Haverhill	20
	Enfield	601	Canaan	497	Hanover	35			Piermont	16
	Lyme	323	Plainfield	382	Orford	33			Lebanon	11
	Canaan	313	Hanover	328	Piermont	12				
	Plainfield	230	Claremont	229	Enfield	11				
	Claremont	200	Cornish	144						
	Haverhill	170	Grantham	134						
	Orford	142	Grafton	75						
Out Of State:	Maine	12	Maine	18	Maine	4	Maine	0	Maine	0
	Massachusetts	49	Massachusetts	39	Massachusetts	8	Massachusetts	0	Massachusetts	0
	Vermont	3,286	Vermont	2,714	Vermont	173	Vermont	2	Vermont	112
	Other	65	Other	12	Other	0	Other	0	Other	0
Out Of State Locations:	Hartford,VT	894	Hartford,VT	951	Thetford,VT	47			Bradford,VT	26
	Norwich,VT	608	Hartland,VT	298	Hartford,VT	28			Fairlee,VT	18
	Thetford,VT	357	Windsor,VT	226	Norwich,VT	14			Newbury,VT	18
	Hartland,VT	228	Thetford,VT	137	Corinth,VT	13			Norwich,VT	17

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 7.3 (continued)
Commuting In - Hartford-Lebanon VT-NH LMA (NH Portion) - 1990 Census

Towns:	Piermont		Plainfield			
Estimated Residents Working:	139		805			
Commuting to Another Town:	65		544			
Commuting Rate:	46.8%		67.6%			
To Locations Within NH:	Haverhill		Cornish			
	19		48			
			Manchester	47		
			Claremont	44		
			Sunapee	33		
			Newport	28		
			Hanover	26		
			Lebanon	19		
			Dover	11		
Out Of State:	Maine		Maine			
	6		0			
	Massachusetts		Massachusetts			
	0		7			
	Vermont		Vermont			
	20		219			
	Other		Other			
	0		9			
Out Of State Locations:	Corinth,VT		Norwich,VT			
	8		27			
	Newbury,VT		Rockingham,VT			
	7		26			
	Sanford,ME		Weath'field,VT			
	6		22			
			Woodstock,VT	22		

8.0
Keene-
Brattleboro
NH-VT Labor
Market Area
(NH PORTION)

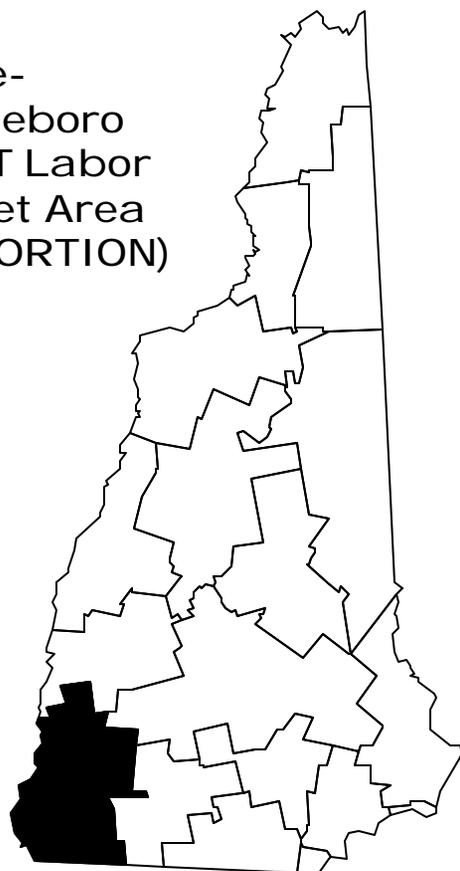


Table 8.1 shows the commuting summary for the New Hampshire portion of the Keene-Brattleboro LMA. This reconfigured Labor Market Area differs in two ways from the 1980 census based Keene NH LMA. First, the new LMA has a Vermont component. The scope of this report does not fully cover commuting in and out of the communities in the Vermont portion. Second, the list of towns included in the New Hampshire portion of the LMA is significantly different since seven of the towns in the former Keene NH LMA were annexed to the new Peterborough Labor Market Area. In

addition, two towns were added from the old Claremont LMA. Twenty-one New Hampshire towns and the City of Keene are part of the LMA. Keene had the largest estimated residents working population (11,322) of all the communities in both states. The estimated LMA count for the New Hampshire portion of residents working was 30,173. The total number of New Hampshire residents of the LMA that worked in their respective towns totaled 13,507, while the number that commuted out of town totaled 16,666. The aggregate number of residents and nonresidents making up the workforce, working in the New Hampshire portion of the LMA totaled 27,649. The number of nonresidents commuting into each New Hampshire town in the LMA amounted to 14,142. The number of residents and nonresidents working in Keene totaled 18,041, the nonresidents commuting in amounted to 8,976. When looking at a state highway map, Keene looks like a hub with many spokes, as various routes enter and leave the Keene area. Some of those routes are NH9, NH10, NH12, and NH101, plus the secondary routes NH12A and NH32. These roadways fan out and tie the 22 LMA communities together for commuters. On a different note, the town of Roxbury was included in "Trivial Commute" (see page 1) with a commute-in rate of zero, as residents held all 23 reported positions in that town.

Commuting out numbers and rates displayed in Table 8.2 quickly emphasize the magnitude of Keene's size and standing relative to the LMA. The commuting-out rates for the other LMA towns tended to run 70-80 percent, but Keene's was 19.9%. As is typical in most labor market areas the cities and towns with the more sizable populations also tend to dominate

the jobs base, and therefore have smaller commute-out rates. Keene had just 2,257 workers commuting out. This was the second largest number of LMA workers commuting to other towns, but as a percentage of Keene's population the rate was low. The town with the largest commute-out number was Swanzey with 2,594 workers exiting, with most (2,001) targeting Keene as their destination. Other towns with sizable numbers included Hinsdale, Chesterfield and Winchester. The majority of the Keene Labor Market Area's out-of-state commuters journeyed to Vermont (2,779), many no doubt to the Vermont portion of the LMA. Another group, equal to about one third of Vermont's number, commuted to neighboring Massachusetts along Routes NH10, NH12, and NH32. The Vermont towns of Brattleboro and Rockingham (Bellows Falls), were the two locations most often heading the commuting-out lists on Table 8.2.

Placing Keene's commute-in numbers aside, the towns of Walpole, Chesterfield, and Swanzey followed with 864, 727, and 669 nonresidents who commuted into the respective towns to work (see Table 8.3). In addition, the residents of the towns of Chesterfield, Winchester, and Marlborough all had more than 500 workers commuting into Keene. Commuters coming into the Elm City from out-of-state, specifically Vermont and Massachusetts, numbered 1,196 and 553, respectively. Just as in commuting-out, the Vermont towns of Brattleboro and Rockingham, accessible via Routes NH9 and NH12, led the commuting-in lists. Those two Vermont towns sent a combined 217 workers to the City of Keene.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.1
Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Acworth	776	358	281	78.5%	77	21.5%	109	32	29.4%
Alstead	1,721	848	654	77.1%	194	22.9%	343	149	43.4%
Chesterfield	3,112	1,786	1,394	78.1%	392	21.9%	1,119	727	65.0%
Fitzwilliam	2,011	1,007	750	74.5%	257	25.5%	798	541	67.8%
Gilsum	745	376	315	83.8%	61	16.2%	99	38	38.4%
Harrisville	981	501	360	71.9%	141	28.1%	220	79	35.9%
Hinsdale	3,936	2,106	1,556	73.9%	550	26.1%	871	321	36.9%
Keene	22,430	11,322	2,257	19.9%	9,065	80.1%	18,041	8,976	49.8%
Langdon	580	303	259	85.5%	44	14.5%	172	128	74.4%
Marlborough	1,927	1,018	814	80.0%	204	20.0%	439	235	53.5%
Marlow	650	327	222	67.9%	105	32.1%	338	233	68.9%
Nelson	535	280	229	81.8%	51	18.2%	74	23	31.1%
Richmond	877	481	407	84.6%	74	15.4%	90	16	17.8%
Roxbury	248	167	144	86.2%	23	13.8%	23	0	0.0%
Stoddard	622	334	266	79.6%	68	20.4%	90	22	24.4%
Sullivan	706	366	312	85.2%	54	14.8%	139	85	61.2%
Surry	667	331	299	90.3%	32	9.7%	57	25	43.9%
Swanzey	6,236	3,133	2,594	82.8%	539	17.2%	1,208	669	55.4%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.1 (continued)
Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to		Working In Town			Number of Workers	Percent of Total Working in
			Number of Workers	Percent	Number of Workers	Percent			
Troy	2,097	1,006	705	70.1%	301	29.9%	632	331	52.4%
Walpole	3,210	1,546	940	60.8%	606	39.2%	1,470	864	58.8%
Westmoreland	1,596	743	548	73.8%	195	26.2%	578	383	66.3%
Winchester	4,038	1,834	1,360	74.2%	474	25.8%	739	265	35.9%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.2
Commuting Out - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Acworth	Alstead	Chesterfield	Fitzwilliam	Gilsum
Estimated Residents Working:	358	848	1,786	1,007	376
Commuting to Another Town:	281	654	1,394	750	315
Commuting Rate:	78.5%	77.1%	78.1%	74.5%	83.8%
To Locations Within NH:	Keene 60 Claremont 32 Walpole 31 Alstead 30 Newport 21 Charlestown 17 Langdon 12	Keene 339 Walpole 52 Langdon 29 Marlow 24 Claremont 16 Charlestown 14	Keene 691 Swanzey 41 Westmoreland 39 Hinsdale 31 Dublin 14 Greenville 14 Jaffrey 11 Marlow 10	Keene 163 Jaffrey 118 Peterborough 70 Rindge 57 Troy 41 Swanzey 12 Marlborough 10	Keene 212 Swanzey 24 Sullivan 11
Out Of State:	Maine 0 Massachusetts 15 Vermont 25 Other 3	0 10 74 20	0 74 401 19	5 205 2 20	0 2 17 2
Out Of State Locations:	Rockingham,VT 10 Springfield,VT 8 Brattleboro,VT 7 Amherst,MA 5	Rockingham,VT 31 Springfield,VT 15 Brattleboro,VT 14 Westminster,VT 9	Brattleboro,VT 315 Greenfield,MA 36 Rockingham,VT 23 Vernon,VT 20	Winchendon,MA 41 Gardner,MA 30 Fitchburg,MA 21 Leominister,MA 15	Brattleboro,VT 7

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.2 (continued)
 Commuting Out - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Harrisville	Hinsdale	Keene	Langdon	Marlborough
Estimated Residents Working:	501	2,106	11,322	303	1,018
Commuting to Another Town:	360	1,556	2,257	259	814
Commuting Rate:	71.9%	73.9%	19.9%	85.5%	80.0%
To Locations Within NH:	Keene 132 Peterborough 53 Dublin 38 Jaffrey 20 Marlborough 13	Keene 170 Chesterfield 89 Winchester 16 Hopkinton 15 Westmoreland 12	Swanzey 254 Peterborough 185 Chesterfield 175 Marlborough 123 Marlow 92 Troy 92 Fitzwilliam 85 Westmoreland 80	Keene 60 Walpole 45 Charlestown 33 Alstead 26	Keene 537 Jaffrey 38 Swanzey 32 Fitzwilliam 24 Peterborough 22 Troy 17 Dublin 13 Chesterfield 10
Out Of State:	0 26 6 7	0 130 1,103 15	0 150 346 67	Maine 0 Massachusetts 7 Vermont 49 Other 2	Maine 2 Massachusetts 16 Vermont 13 Other 6
Out Of State Locations:	Ashburnham,MA 5	Brattleboro,VT 998 Vernon,VT 59 Greenfield,MA 54 Erving,MA 23	Brattleboro,VT 266 Rockingham,VT 51 Boston,MA 20 Worcester,MA 20	Rockingham,VT 15 Westminster,VT 13 Brattleboro,VT 9 Springfield,VT 5	Brattleboro,VT 10 Gardner,MA 5

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.2 (continued)
 Commuting Out - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Marlow		Nelson		Richmond		Roxbury		Stoddard	
Estimated Residents Working:	327		280		481		167		334	
Commuting to Another Town:	222		229		407		144		266	
Commuting Rate:	67.9%		81.8%		84.6%		86.2%		79.6%	
To Locations Within NH:	Keene 113		Keene 137 Peterborough 24 Dublin 16		Keene 210 Winchester 30 Swanzey 25 Fitzwilliam 24		Keene 104 Troy 10		Keene 149 Hillsborough 20	
Out Of State:	Maine 0 Massachusetts 7 Vermont 7 Other 7		Maine 0 Massachusetts 0 Vermont 8 Other 5		Maine 0 Massachusetts 60 Vermont 14 Other 6		Maine 0 Massachusetts 2 Vermont 0 Other 0		Maine 0 Massachusetts 3 Vermont 3 Other 0	
Out Of State Locations:	Brattleboro,VT 7 Tewksbury,MA 5		Brattleboro,VT 8		Winchendon,MA 7 Northfield,MA 6 Groton,MA 5 Southampton,MA 5		Greenfield,MA 2			

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.2 (continued)
 Commuting Out - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Sullivan		Surry		Swanzy		Troy		Walpole	
Estimated Residents Working:	366		331		3,133		1,006		1,546	
Commuting to Another Town:	312		299		2,594		705		940	
Commuting Rate:	85.2%		90.3%		82.8%		70.1%		60.8%	
To Locations Within NH:	Keene	196	Keene	227	Keene	2,001	Keene	347	Keene	352
	Swanzy	27	Swanzy	12	Peterborough	78	Fitzwilliam	85	Swanzy	37
	Marlow	12	Walpole	12	Troy	59	Jaffrey	47	Alstead	29
	Peterborough	12			Dublin	47	Rindge	36	Langdon	29
	Westmoreland	12			Fitzwilliam	46	Swanzy	34	Westmoreland	29
					Chesterfield	41	Peterborough	33	Lebanon	22
					Winchester	30	Marlborough	14	Charlestown	17
					Westmoreland	26				
Out Of State:	Maine	0	Maine	0	Maine	0	Maine	0	Maine	0
	Massachusetts	0	Massachusetts	2	Massachusetts	44	Massachusetts	49	Massachusetts	0
	Vermont	9	Vermont	9	Vermont	80	Vermont	12	Vermont	310
	Other	0	Other	5	Other	21	Other	3	Other	40
Out Of State Locations:	Vernon,VT	5	Rockingham,VT	5	Vernon,VT	26	Lincoln,MA	9	Boston,MA	172
					Brattleboro,VT	25	Winchendon,MA	7	Rockingham,VT	70
					Rockingham,VT	16	Brattleboro,VT	6	Westminster,VT	20
					Weston,MA	11			Springfield,VT	11

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.2 (continued)
 Commuting Out - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Westmoreland	Winchester			
Estimated Residents Working:	743	1,834			
Commuting to Another Town:	548	1,360			
Commuting Rate:	73.8%	74.2%			
To Locations Within NH:					
	Keene 337	Keene 648			
	Chesterfield 38	Hinsdale 122			
	Swanzey 19	Swanzey 62			
	Walpole 18	Fitzwilliam 42			
		Troy 27			
		Westmoreland 27			
		Chesterfield 21			
		Londonderry 14			
Out Of State:					
	Maine 0	Maine 0			
	Massachusetts 24	Massachusetts 116			
	Vermont 63	Vermont 228			
	Other 4	Other 0			
Out Of State Locations:					
	Brattleboro,VT 43	Brattleboro,VT 201			
	Holyoke,MA 10	Gill,MA 22			
	Putney,VT 8	Lowell,MA 20			
	Greenfield,MA 5	Vernon,VT 20			

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.3
Commuting In - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Acworth	Alstead	Chesterfield	Fitzwilliam	Gilsum
Estimated Residents Working:	109	343	1,119	798	99
Commuting to Another Town:	32	149	727	541	38
Commuting Rate:	29.4%	43.4%	65.0%	67.8%	38.4%
To Locations Within NH:		Acworth 30 Walpole 29 Langdon 26 Keene 15	Keene 175 Hindale 89 Swanzey 41 Westmoreland 38 Winchester 21 Jaffrey 10 Marlborough 10	Keene 85 Troy 85 Swanzey 46 Rindge 45 Winchester 42 Marlborough 24 Richmond 24 Jaffrey 18	Keene 10
Out Of State:	Maine 0 Massachusetts 0 Vermont 2 Other 0	Maine 0 Massachusetts 0 Vermont 18 Other 0	Maine 3 Massachusetts 55 Vermont 185 Other 0	Maine 0 Massachusetts 125 Vermont 6 Other 8	Maine 0 Massachusetts 0 Vermont 0 Other 0
Out Of State Locations:	Rockingham,VT 2	Rockingham,VT 8 Weath'field,VT 6	Brattleboro,VT 54 Vernon,VT 22 Putney,VT 20 Newfane,VT 19	Winchendon,MA 58 Gardner,MA 41 Templeton,MA 13 Royalston,MA 9	

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.3 (continued)
 Commuting In - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Harrisville	Hinsdale	Keene	Langdon	Marlborough
Estimated Residents Working:	220	871	18,041	172	439
Commuting to Another Town:	79	321	8,976	128	235
Commuting Rate:	35.9%	36.9%	49.8%	74.4%	53.5%
To Locations Within NH:	Keene 11	Winchester 122 Chesterfield 31 Swanzy 19 Keene 17	Swanzy 2,001 Chesterfield 691 Winchester 648 Marlborough 537 Walpole 352 Troy 347 Alstead 339 Westmoreland 337	Alstead 29 Walpole 29 Charlestown 19 Acworth 12	Keene 123 Troy 14 Dublin 13 Harrisville 13 Fitzwilliam 10
Out Of State:	Maine 0 Massachusetts 0 Vermont 7 Other 0	Maine 0 Massachusetts 17 Vermont 93 Other 0	Maine 0 Massachusetts 290 Vermont 390 Other 63	Maine 0 Massachusetts 0 Vermont 11 Other 0	Maine 0 Massachusetts 0 Vermont 2 Other 0
Out Of State Locations:	Brattleboro,VT 7	Brattleboro,VT 46 Dummerston,VT 11 Northfield,MA 10 Rockingham,VT 9	Rockingham,VT 114 Brattleboro,VT 103 Westminster,VT 36 Northfield,MA 33	Chester,VT 8	Putney,VT 2

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.3 (continued)
 Commuting In - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Marlow	Nelson	Richmond	Roxbury	Stoddard
Estimated Residents Working:	338	74	90	23	90
Commuting to Another Town:	233	23	16	0	22
Commuting Rate:	68.9%	31.1%	17.8%	0.0%	24.4%
To Locations Within NH:	Keene 92 Alstead 24 Claremont 12 Sullivan 12 Winchester 12 Chesterfield 10	Windham 11			
Out Of State:	Maine 0 Massachusetts 0 Vermont 4 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 6 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0
Out Of State Locations:	Newfane,VT 4		Holyoke,MA 6		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.3 (continued)
 Commuting In - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

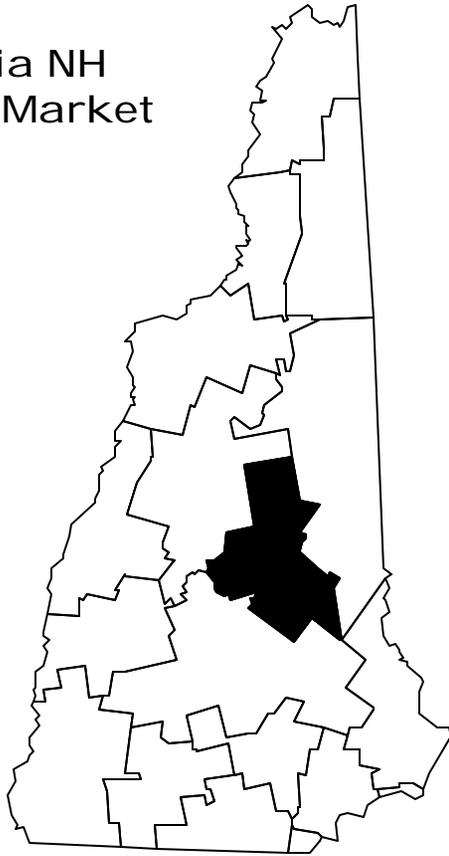
Towns:	Sullivan		Surry		Swanzy		Troy		Walpole	
Estimated Residents Working:	139		57		1,208		632		1,470	
Commuting to Another Town:	85		25		669		331		864	
Commuting Rate:	61.2%		43.9%		55.4%		52.4%		58.8%	
To Locations Within NH:	Gilsum 11				Keene 254		Keene 92		Charlestown 186	
	Newport 11				Winchester 62		Swanzy 59		Alstead 52	
	Claremont 10				Chesterfield 41		Fitzwilliam 41		Keene 48	
					Walpole 37		Winchester 27		Langdon 45	
					Troy 34		Marlborough 17		Acworth 31	
					Marlborough 32		Hillsborough 10		Claremont 28	
					Sullivan 27		Roxbury 10		Westmoreland 18	
					Richmond 25				Surry 12	
Out Of State:	Maine 0		Maine 0		Maine 0		Maine 0		Maine 0	
	Massachusetts 0		Massachusetts 0		Massachusetts 6		Massachusetts 6		Massachusetts 0	
	Vermont 13		Vermont 0		Vermont 6		Vermont 7		Vermont 376	
	Other 0		Other 0		Other 0		Other 11		Other 0	
Out Of State Locations:	Weath'field,VT 13				Winchendon,MA 6		Brattleboro,VT 7		Rockingham,VT 224	
							Gardner,MA 6		Westminster,VT 81	
									Brattleboro,VT 23	
									Springfield,VT 19	

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 8.3 (continued)
 Commuting In - Keene-Brattleboro NH-VT LMA (NH Portion) - 1990 Census

Towns:	Westmoreland		Winchester			
Estimated Residents Working:	578		739			
Commuting to Another Town:	383		265			
Commuting Rate:	66.3%		35.9%			
To Locations Within NH:	Keene	80	Keene	73		
	Chesterfield	39	Richmond	30		
	Walpole	29	Swanzey	30		
	Charlestown	27	Hinsdale	16		
	Winchester	27				
	Swanzey	26				
	Hinsdale	12				
	Jaffrey	12				
Out Of State:	Maine	0	Maine	0		
	Massachusetts	0	Massachusetts	54		
	Vermont	67	Vermont	9		
	Other	0	Other	0		
Out Of State Locations:	Rockingham,VT	37	Warwick,MA	17		
	Springfield,VT	7	Ashburnham,MA	12		
	Brattleboro,VT	5	Northfield,MA	8		
	Putney,VT	5	Brattleboro,VT	7		

9.0 Laconia NH Labor Market Area



The population data and a summary of commuting data for the 1990 census based version of the Laconia Labor Market Area is listed in Table 9.1. The new LMA is made up of the City of Laconia and ten towns compared with the previous (1980's) version which had the Cities of Laconia and Franklin plus thirty-four towns. The creation of two new labor market areas centered around Plymouth and Conway and the annexing of the tri-town area of Franklin, Northfield, and Tilton, plus three other towns to the Concord LMA, fashioned the Laconia LMA into its present configuration. Comparing

some of the LMA totals of past and present reveals some interesting differences that change has made on the magnitude of LMA data. Table 9.1 discloses the reported 1990 count of estimated residents working in the LMA was 22,537, in 1980 the resident worker count was 33,135. Other 1990 to 1980 comparisons are: total workers in city/towns, residents and nonresidents, 20,776 (1990) and 29,852 (1980); commuting outside of place of residence, 13,114 (1990) and 17,762 (1980); residents working in town of residence, 9,423 (1990) and 15,373 (1980). Like some other LMAs with one large city/town, the Laconia LMA has the City of Laconia as the focal point for LMA population and employment. Laconia had 7,218 estimated residents reported working and a total workforce of 10,464, residents and nonresidents. Roadways connecting the city/towns are Interstate 93, Routes US3, NH11, NH25, NH104, and NH106. Other rural and urban routes include NH11A, NH107, NH132, and NH140.

The City of Laconia because of its relatively large population and the nearby towns of Belmont and Gilford generated the largest commute-out numbers (see Table 9.2) in the LMA. Laconia's commuter total was tops with 2,601, but as expected the city had a low commuting-out rate of 36.0% because of the total number of residents reported working. The largest commute numbers to Laconia from any town were by Gilford residents as 1,201 travelled along Routes US3 and NH11, or via local roads and streets, to the Lake City. Belmont workers were right behind with 1,097 commuters, travelling to Laconia, many via NH106. One hundred or more residents of the City of Laconia travelled to each of the top six towns on its commute-out list. The LMA residents working out-of-state at census time numbered 391 in Massachusetts, 78 in Maine, and 73 in

Vermont. Boston MA appeared most frequently on top of the out-of-state destination lists with six first place showings and a combined total of 110 commuters.

Following the City of Laconia's commuting-in total of 5,847, the other destinations of choice for nonresidents commuting into the LMA were the towns of Meredith (1,406), Gilford (1,306), and Belmont (1,026). As Table 9.3 shows, Laconia supplied the largest number of workers to those towns with a combined total of 1,235. After Laconia, Gilford and Belmont supplied the largest commuter-in numbers, with 1,201 and 1,097, respectively. Workers coming in from out-of-state focused on Laconia, Gilford, Belmont, and Center Harbor as destinations of choice. A close inspection of Table 9.3 uncovered some interesting out-of-state statistics involving the LMA city/towns just mentioned. Four towns from the LMA had no out-of-staters commuting in, and collectively, three other towns received a total of just thirteen out-of-staters. All seventeen of the out-of-staters working in Center Harbor originated from Burlington VT, suggesting that they may have all been employed by a single contractor for the same project. The 23 out-of-state workers in Belmont came from the Massachusetts towns of Bedford and Mansfield. And finally, the City of Laconia experienced more commuters coming in from the rest of the U.S. than from the three neighboring border states. This is not altogether surprising since Laconia is located near the geographic center of the state. It is the employment center that is equally furthest from all of New Hampshire's bordering states. The way to and from Maine, shortest with respect to a straight line, is blocked by a rather large obstacle, Lake Winnepesaukee.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 9.1
Laconia NH LMA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Alton	3,286	1,498	981	65.5%	517	34.5%	783	266	34.0%
Belmont	5,796	2,961	2,337	78.9%	624	21.1%	1,650	1,026	62.2%
Center Harbor	996	483	375	77.6%	108	22.4%	364	256	70.3%
Gilford	5,867	3,017	2,095	69.4%	922	30.6%	2,228	1,306	58.6%
Gilmanton	2,609	1,320	1,145	86.7%	175	13.3%	307	132	43.0%
Laconia	15,743	7,218	2,601	36.0%	4,617	64.0%	10,464	5,847	55.9%
Meredith	4,837	2,386	1,138	47.7%	1,248	52.3%	2,654	1,406	53.0%
Moultonborough	2,956	1,250	692	55.4%	558	44.6%	969	411	42.4%
New Hampton	1,606	809	583	72.1%	226	27.9%	578	352	60.9%
Sanbornton	2,136	1,080	863	79.9%	217	20.1%	482	265	55.0%
Sandwich	1,066	515	304	59.0%	211	41.0%	297	86	29.0%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 9.2
Commuting Out - Laconia NH LMA - 1990 Census

Towns:	Alton		Belmont		Center Harbor		Gilford		Gilmanton	
Estimated Residents Working:	1,498		2,961		483		3,017		1,320	
Commuting to Another Town:	981		2,337		375		2,095		1,145	
Commuting Rate:	65.5%		78.9%		77.6%		69.4%		86.7%	
To Locations Within NH:	Laconia	138	Laconia	1,097	Meredith	154	Laconia	1,201	Laconia	377
	Wolfeboro	125	Concord	237	Laconia	59	Concord	157	Concord	205
	Rochester	116	Tilton	154	Moultonboro	36	Belmont	139	Gilford	82
	Farmington	58	Gilford	152	Plymouth	23	Meredith	131	Pittsfield	69
	Gilford	57	Northfield	63	Gilford	21	Tilton	57	Belmont	44
	Barnstead	48	Franklin	53	Concord	13	Sanbornton	51	Franklin	33
	Portsmouth	43	Meredith	51	New Hampton	10	Nashua	39	Manchester	29
	Concord	39	Plymouth	51			Manchester	38	Rochester	24
Out Of State:	Maine	16	Maine	0	Maine	0	Maine	20	Maine	12
	Massachusetts	59	Massachusetts	32	Massachusetts	8	Massachusetts	38	Massachusetts	13
	Vermont	0	Vermont	8	Vermont	0	Vermont	0	Vermont	12
	Other	21	Other	24	Other	5	Other	9	Other	11
Out Of State Locations:	Boston,MA	28	Boston,MA	20			Boston,MA	15	Burlington,VT	12
	Woburn,MA	10	Malden,MA	12			Rockland,ME	13	Ayer,MA	8
	Kittery,ME	8	Windsor,VT	8			Burlington,MA	12	Fairfield,ME	7
	Wiscasset,ME	8					York,ME	7	Sanford,ME	5

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 9.2 (continued)
 Commuting Out - Laconia NH LMA - 1990 Census

Towns:	Laconia		Meredith		Moultonborough		New Hampton		Sanbornton	
Estimated Residents Working:	7,218		2,386		1,250		809		1,080	
Commuting to Another Town:	2,601		1,138		692		583		863	
Commuting Rate:	36.0%		47.7%		55.4%		72.1%		79.9%	
To Locations Within NH:	Gilford	636	Laconia	359	Meredith	159	Laconia	121	Laconia	209
	Belmont	324	Plymouth	92	Laconia	144	Bristol	100	Tilton	120
	Concord	309	Ashland	88	Center Harbor	77	Meredith	64	Concord	109
	Meredith	275	Moultonboro	69	Concord	38	Ashland	56	Franklin	98
	Tilton	185	Concord	64	Sandwich	31	Concord	43	Belmont	50
	Manchester	133	Belmont	43	Gilford	29	Plymouth	34	Gilford	36
	Bristol	87	Gilford	38	Conway	21	Holderness	18	Manchester	29
	Franklin	80	Center Harbor	34	Ossipee	17	Tilton	17	Meredith	25
Out Of State:	Maine	18	Maine	0	Maine	7	Maine	0	Maine	5
	Massachusetts	85	Massachusetts	52	Massachusetts	66	Massachusetts	13	Massachusetts	20
	Vermont	14	Vermont	36	Vermont	0	Vermont	0	Vermont	3
	Other	54	Other	0	Other	11	Other	19	Other	13
Out Of State Locations:	Boston,MA	17	Weymouth,MA	26	Boston,MA	25	Boston,MA	5	Lowell,MA	6
	Dracut,MA	16	Essex,VT	16	Quincy,MA	10				
	Woburn,MA	14	Burlington,VT	12	Burlington,MA	8				
	Canton,MA	10	N.Andover,MA	10	York,ME	7				

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 9.2 (continued)
 Commuting Out - Laconia NH LMA - 1990 Census

Towns:	Sandwich			
Estimated Residents Working:	515			
Commuting to Another Town:	304			
Commuting Rate:	59.0%			
To Locations Within NH:	Moultonboro 62			
	Meredith 57			
	Laconia 35			
	Center Harbor 31			
	Tamworth 22			
	Plymouth 16			
	Ossipee 13			
Out Of State:	Maine 0			
	Massachusetts 5			
	Vermont 0			
	Other 2			
Out Of State Locations:				

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 9.3
Commuting In - Laconia NH LMA - 1990 Census

Towns:	Alton	Belmont	Center Harbor	Gilford	Gilmanton
Estimated Residents Working:	783	1,650	364	2,228	307
Commuting to Another Town:	266	1,026	256	1,306	132
Commuting Rate:	34.0%	62.2%	70.3%	58.6%	43.0%
To Locations Within NH:	Barnstead 64 New Durham 36 Laconia 27 Wolfeboro 18 Farmington 16 Gilmanton 16 Concord 13 Tuftonboro 13	Laconia 324 Gilford 139 Tilton 93 Franklin 68 Northfield 55 Sanbornton 50 Concord 47 Gilmanton 44	Moultonboro 77 Meredith 34 Sandwich 31 Laconia 24 Weare 18	Laconia 636 Belmont 152 Gilmanton 82 Alton 57 Meredith 38 Sanbornton 36 Concord 30 Moultonboro 29	Northfield 32 Barnstead 31 Belmont 14 Boscawen 12 Durham 12
Out Of State:	Maine 0 Massachusetts 6 Vermont 0 Other 0	Maine 0 Massachusetts 23 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 17 Other 0	Maine 5 Massachusetts 34 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0
Out Of State Locations:	Longmeadow,MA 6	Bedford,MA 14 Mansfield,MA 9	Burlington,VT 17	N.Andover,MA 20 Seekonk,MA 8 Amesbury,MA 6 Acton,ME 5	

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 9.3 (continued)
Commuting In - Laconia NH LMA - 1990 Census

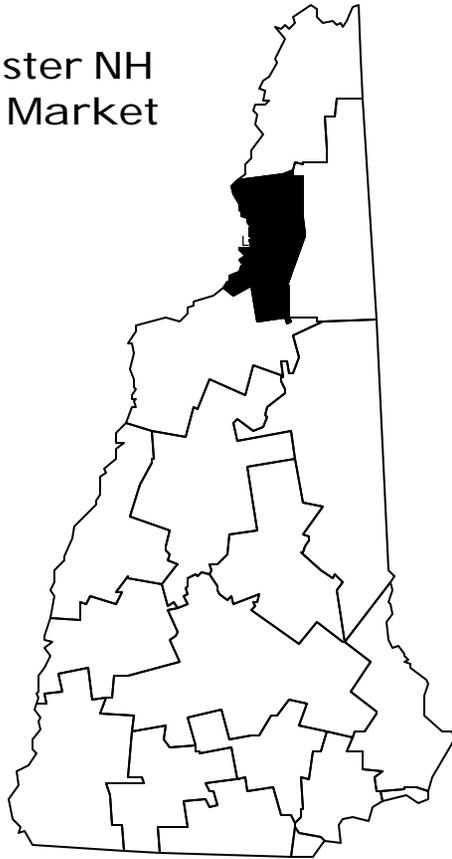
Towns:	Laconia		Meredith		Moultonborough		New Hampton		Sanbornton	
Estimated Residents Working:	10,464		2,654		969		578		482	
Commuting to Another Town:	5,847		1,406		411		352		265	
Commuting Rate:	55.9%		53.0%		42.4%		60.9%		55.0%	
To Locations Within NH:	Gilford	1,201	Laconia	275	Meredith	69	Bristol	71	Gilford	51
	Belmont	1,097	Moultonboro	159	Sandwich	62	Ashland	39	Laconia	41
	Gilmanton	377	Center Harbor	154	Center Harbor	36	Bridgewater	29	Franklin	39
	Meredith	359	Gilford	131	Tamworth	36	Meredith	25	Belmont	29
	Franklin	304	Bristol	76	Wolfeboro	35	Alexandria	21	New Hampton	11
	Northfield	288	Holderness	73	Tuftonboro	31	Franklin	18	Northfield	11
	Sanbornton	209	New Hampton	64	Laconia	23	Plymouth	15	Gilmanton	10
	Tilton	197	Sandwich	57	Bristol	16	Rumney	13	Manchester	10
Out Of State:	Maine	18	Maine	5	Maine	2	Maine	0	Maine	0
	Massachusetts	12	Massachusetts	0	Massachusetts	0	Massachusetts	0	Massachusetts	0
	Vermont	3	Vermont	0	Vermont	0	Vermont	0	Vermont	0
	Other	43	Other	0	Other	0	Other	0	Other	0
Out Of State Locations:	Alfred,ME	7	Fryeburg,ME	5	Fryeburg,ME	2				
	Longmeadow,MA	7								
	Lebanon,ME	6								
	Westbrook,ME	5								

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 9.3 (continued)
 Commuting In - Laconia NH LMA - 1990 Census

Towns:	Sandwich			
Estimated Residents Working:	297			
Commuting to Another Town:	86			
Commuting Rate:	29.0%			
To Locations Within NH:	Moultonboro 31 Tamworth 25 Meredith 14			
Out Of State:	Maine 0 Massachusetts 0 Vermont 0 Other 0			
Out Of State Locations:				

10.0
Lancaster NH
Labor Market
Area



The Lancaster LMA is another new labor market derived from the 1980's version of the Berlin LMA. See Table 10.1 for the commuting pattern summary of the five towns with population and employment, that along with two unincorporated places (with no reported population and commuting activity), make up the Lancaster LMA. The census counted an estimated 3,536 LMA residents worked during the sample taking period. The workforce, residents and nonresidents, numbered 3,483, showing a small net outflow of workers. The inhabitants of the LMA who remained in their

respective towns to work added up to 1,889. The balance of the residents (1,647), commuted out to work in other towns or out-of-state. Statistical leaders in the LMA were the towns of Lancaster and Northumberland, whose numbers led in all categories across the Table. Both of these towns, as expected, had low commute-out rates and fairly high working-in-town rates. The roadway focus is on Routes US2 and US3 that intersect in the vicinity of the town of Lancaster. These two US routes, along with Routes NH110, NH116, NH135, and Route 102 in Vermont link the five LMA towns and their many far flung villages.

Looking at the five towns displayed on Table 10.2, the town of Stark had the highest commute-out rate with 86.4%. The lowest commute out rate was established by Northumberland at 33.2%. Lancaster had the largest number of workers (547) commuting out. Lancaster and Northumberland were the favorite destinations, within the LMA, of the other towns in the area. Commuting-out numbers show 272 workers traveled to Lancaster and 267 to Northumberland. In an uneven exchange of commuters along Route US3, Northumberland furnished 160 workers to Lancaster and Lancaster provided 111 workers to Northumberland. Out-of-state commuters to Vermont numbered 165. Since three of the towns are separated from the Green Mountain State by just the Connecticut River, the location of the bridges is a determining factor. Lunenburg VT was the destination (Route US2) for 83 of these commuters, 65 originating from the town of Lancaster, which also sent nine workers to distant Orono ME, seemingly too

far for a daily commute. Area-wide only an additional thirteen commuted to Maine, a straight but somewhat distant trek along Route US2.

Lancaster and Northumberland dominated the commuting-in data contained in Table 10.3, by swapping workers as noted above. Stark recorded eleven commuters, three coming from Jefferson and two from Maidstone VT. Jefferson also produced the second largest commute-in number in the LMA by sending 112 workers northwest to Lancaster along Route US2. Vermont furnished the largest number of out-of-staters into the LMA (275), crossing the Connecticut River at Lancaster, Northumberland, or North Stratford. Over 100 of those workers travelled east along US2 from Lunenburg VT. Maine supplied 23 workers to three of the towns in the LMA.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 10.1
Lancaster NH LMA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Jefferson	965	417	320	76.7%	97	23.3%	146	49	33.6%
Lancaster	3,522	1,491	547	36.7%	944	63.3%	1,707	763	44.7%
Northumberland	2,492	1,066	354	33.2%	712	66.8%	1,257	545	43.4%
Stark	518	199	172	86.4%	27	13.6%	38	11	28.9%
Stratford	927	363	254	70.0%	109	30.0%	335	226	67.5%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 10.2
Commuting Out - Lancaster NH LMA - 1990 Census

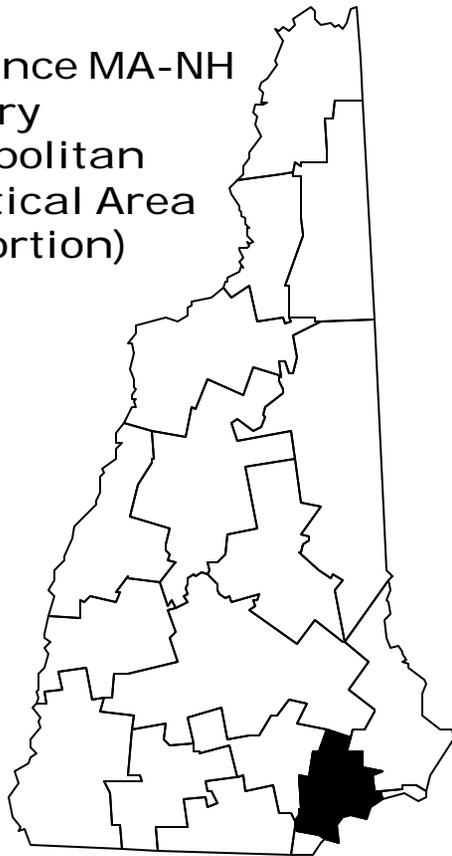
Towns:	Jefferson	Lancaster	Northumberland	Stark	Stratford
Estimated Residents Working:	417	1,491	1,066	199	363
Commuting to Another Town:	320	547	354	172	254
Commuting Rate:	76.7%	36.7%	33.2%	86.4%	70.0%
To Locations Within NH:	Lancaster 112 Littleton 36 Berlin 28 Whitefield 25 Gorham 20 Carroll 15 Nor'mberland 13	Nor'mberland 111 Whitefield 82 Berlin 68 Gorham 25 Littleton 25 Jefferson 18 Dalton 16 Stratford 15	Lancaster 160 Stratford 54 Berlin 24 Whitefield 24 Littleton 15 Gorham 10	Nor'mberland 75 Lancaster 38 Berlin 25	Nor'mberland 81 Dixville 44 Colebrook 42 Lancaster 33 Whitefield 10
Out Of State:	Maine 3 Massachusetts 2 Vermont 10 Other 7	Maine 15 Massachusetts 10 Vermont 113 Other 8	Maine 0 Massachusetts 0 Vermont 17 Other 5	Maine 2 Massachusetts 2 Vermont 7 Other 0	Maine 2 Massachusetts 4 Vermont 18 Other 0
Out Of State Locations:	Lunenburg,VT 10	Lunenburg,VT 65 S.Johnsbury,VT 21 Lyndon,VT 13 Orono,ME 9	Lunenburg,VT 8	Bradford,VT 5	Canaan,VT 6

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 10.3
Commuting In - Lancaster NH LMA - 1990 Census

Towns:	Jefferson	Lancaster	Northumberland	Stark	Stratford
Estimated Residents Working:	146	1,707	1,257	38	335
Commuting to Another Town:	49	763	545	11	226
Commuting Rate:	33.6%	44.7%	43.4%	28.9%	67.5%
To Locations Within NH:	Lancaster 18 Whitefield 13	Nor'mberland 160 Jefferson 112 Whitefield 82 Stark 38 Stratford 33 Gorham 31 Dalton 28 Littleton 28	Lancaster 111 Stratford 81 Stark 75 Berlin 47 Colebrook 28 Milan 19 Columbia 18 Jefferson 13	Jefferson 3	Nor'mberland 54 Farmington 34 Columbia 31 Colebrook 17 Lancaster 15
Out Of State:	Maine 0 Massachusetts 0 Vermont 4 Other 0	Maine 2 Massachusetts 0 Vermont 135 Other 14	Maine 15 Massachusetts 7 Vermont 95 Other 0	Maine 0 Massachusetts 0 Vermont 2 Other 0	Maine 6 Massachusetts 0 Vermont 39 Other 0
Out Of State Locations:		Lunenburg,VT 75 Guildhall,VT 18 Maidstone,VT 10 Granby,VT 6	Lunenburg,VT 29 Guildhall,VT 18 Maidstone,VT 17 Bloomfield,VT 11	Maidstone,VT 2	Bloomfield,VT 12 Brighton,VT 8 Guildhall,VT 7 Lebanon,ME 6

11.0
Lawrence MA-NH
Primary
Metropolitan
Statistical Area
(NH Portion)



The number of towns in the New Hampshire portion of the Lawrence MA PMSA remained unchanged, but change did occur as three towns were released to other redefined Standard Metropolitan Statistical Areas (SMSAs), and three towns were added from the former unattached estimating area. Table 11.1 lists the population and summary of commuting numbers for the thirteen towns that make up the current New Hampshire portion of the bistate PMSA. The Massachusetts portion includes two cities and eight towns, such as Haverhill, Lawrence, Andover, and Methuen. This narrative and Tables 11.1 to 11.3 will be

concerned strictly with the thirteen town New Hampshire portion of the Lawrence PMSA. Travelling the roadways of the PMSA takes in many routes. Some of the roadways are NH28, NH102, NH125, and even I93 serves as a possible commute path from Derry to Windham. Other connecting urban and rural routes include NH107, NH108, NH111, and NH121. The New Hampshire portion totals for the number of estimated residents working and the combined resident/nonresident workforce were 61,087 and 33,486, respectively. The number of workers employed in their town of residence numbered 12,702. The number of residents that commuted out of town, including those who went out of state, was 48,385. Finally, the number of nonresidents that traveled into any of the towns in the New Hampshire portion of the PMSA, whether from New Hampshire cities/towns or out of state, totaled 20,784

Commuting-out numbers were sizable for all 13 towns, ranging from a high of more than 13,000 (Derry), to lows of just slightly over 1,200 (Danville and Fremont) and 1,169 (Chester). Large commuting-out numbers ordinarily generate high commuting out rates. Two towns had rates in excess of 90 percent; eight towns had rates in the 80-89 percent range. Table 11.2 points out the lowest rate was Salem's 68.6% generated by 9,676 commuters, with over 8,100 going out-of-state. Most crossed the town's southern or eastern boundary into Massachusetts. The largest commute numbers were generated by Derry, with 1,357 workers travelling to Salem, 1,263 going to Manchester, 888 to Londonderry, and 629 to Nashua. The only other town to generate significant in-state figures was Raymond, which sent 520 workers to Manchester along NH27 and/or NH101. As a portion of the

commute-out totals, out-of-state numbers were also high. Salem provided 1,174 workers to Andover MA and 1,170 to Lawrence MA. Derry's largest out-of-state commute number was 889 to Andover. As the individual Massachusetts town data suggests, the Bay State received a larger number of New Hampshire portion Lawrence PMSA commuters than any other state. The total number of New Hampshire portion commuters to travel across the MA/NH border was 27,998. Of course, many of the municipalities like Haverhill, Andover, and Methuen are part of the Massachusetts portion of the PMSA, as explained above.

Table 11.3 displays the PMSA commute-in numbers and rates, figures that are decisively smaller than those on Table 11.2. The nonresident numbers range from a low of 107 (Sandown) to 9,308 (Salem). The majority of commute-in rates fell in the 50-59 percent range as evidenced by seven of the thirteen PMSA towns. Large individual town numbers were produced by Derry commuters travelling to Salem. Those numbers were followed by 737 Londonderry residents commuting along NH102 to Derry, and 404 Atkinson workers going to Plaistow following NH121. Bay Staters, 4,682 strong, traveled to work in the New Hampshire portion of the PMSA. Many of the towns furnishing the workers were from the Massachusetts portion of the PMSA (see above). The town of Salem provided a good example of this by taking in 692 Massachusetts workers from Methuen, 377 from Lawrence, and 296 from Haverhill. Windsor VT furnished all seven of the Vermonters working in the town of Newton during the census period.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.1
Lawrence MA-NH PMSA (NH Portion) - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Atkinson	5,188	2,890	2,638	91.3%	252	8.7%	589	337	57.2%
Chester	2,691	1,455	1,169	80.3%	286	19.7%	401	115	28.7%
Danville	2,534	1,351	1,245	92.2%	106	7.8%	242	136	56.2%
Derry	29,603	16,409	13,089	79.8%	3,320	20.2%	6,817	3,497	51.3%
Fremont	2,576	1,359	1,213	89.3%	146	10.7%	290	144	49.7%
Hampstead	6,732	3,554	2,962	83.3%	592	16.7%	1,449	857	59.1%
Kingston	5,591	2,920	2,420	82.9%	500	17.1%	1,315	815	62.0%
Newton	3,473	1,819	1,603	88.1%	216	11.9%	527	311	59.0%
Plaistow	7,316	4,004	3,026	75.6%	978	24.4%	4,229	3,251	76.9%
Raymond	8,713	4,298	3,462	80.5%	836	19.5%	1,821	985	54.1%
Salem	25,746	14,095	9,676	68.6%	4,419	31.4%	13,727	9,308	67.8%
Sandown	4,060	2,207	1,960	88.8%	247	11.2%	354	107	30.2%
Windham	9,000	4,726	3,922	83.0%	804	17.0%	1,725	921	53.4%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.2
Commuting Out - Lawrence MA-NH PMSA - 1990 Census

Towns:	Atkinson		Chester		Danville		Derry		Fremont	
Estimated Residents Working:	2,890		1,455		1,351		16,409		1,359	
Commuting to Another Town:	2,638		1,169		1,245		13,089		1,213	
Commuting Rate:	91.3%		80.3%		92.2%		79.8%		89.3%	
To Locations Within NH:	Plaistow	404	Derry	180	Plaistow	102	Salem	1,357	Exeter	86
	Salem	256	Manchester	156	Salem	97	Manchester	1,263	Brentwood	67
	Hampstead	91	Salem	65	Hampstead	69	Londonderry	888	Plaistow	61
	Manchester	54	Nashua	60	Kingston	42	Nashua	629	Manchester	49
	Nashua	48	Bedford	37	Manchester	24	Hudson	302	Salem	41
	Exeter	30	Candia	27	Brentwood	22	Bedford	234	Portsmouth	37
	Derry	22	Londonderry	26	Exeter	20	Merrimack	181	Hampstead	32
	Windham	21	Merrimack	22	Epping	17	Windham	175	Raymond	32
Out Of State:	Maine	0	Maine	8	Maine	9	Maine	55	Maine	15
	Massachusetts	1,566	Massachusetts	375	Massachusetts	636	Massachusetts	6,584	Massachusetts	430
	Vermont	8	Vermont	0	Vermont	2	Vermont	16	Vermont	0
	Other	0	Other	0	Other	15	Other	134	Other	8
Out Of State Locations:	Haverhill,MA	297	Boston,MA	52	Haverhill,MA	97	Andover,MA	889	N.Andover,MA	68
	N.Andover,MA	216	Haverhill,MA	49	N.Andover,MA	79	Boston,MA	758	Haverhill,MA	55
	Andover,MA	163	Methuen,MA	38	Lawrence,MA	70	Lawrence,MA	585	Andover,MA	34
	Lawrence,MA	157	Lawrence,MA	36	Andover,MA	66	N.Andover,MA	447	Lawrence,MA	32

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.2 (continued)
 Commuting Out - Lawrence MA-NH PMSA - 1990 Census

Towns:	Hampstead		Kingston		Newton		Plaistow		Raymond	
Estimated Residents Working:	3,554		2,920		1,819		4,004		4,298	
Commuting to Another Town:	2,962		2,420		1,603		3,026		3,462	
Commuting Rate:	83.3%		82.9%		88.1%		75.6%		80.5%	
To Locations Within NH:	Salem	285	Plaistow	203	Plaistow	122	Salem	194	Manchester	520
	Plaistow	195	Exeter	131	Kingston	54	Kingston	104	Derry	235
	Manchester	110	Salem	65	Hampstead	46	Manchester	53	Salem	227
	Derry	91	Hampstead	62	Salem	45	Newton	34	Exeter	174
	Atkinson	69	Newton	50	Exeter	22	Hampstead	31	Plaistow	136
	Nashua	52	Stratham	46	Seabrook	22	Hampton	26	Nashua	128
	Danville	48	Seabrook	43	Hampton	20	Seabrook	23	Hooksett	93
	Kingston	46	Portsmouth	42	Hampton Falls	15	Pelham	22	Brentwood	79
Out Of State:	Maine	0	Maine	36	Maine	7	Maine	0	Maine	36
	Massachusetts	1,770	Massachusetts	1,351	Massachusetts	1,151	Massachusetts	2,312	Massachusetts	678
	Vermont	0	Vermont	0	Vermont	0	Vermont	0	Vermont	11
	Other	13	Other	11	Other	25	Other	9	Other	46
Out Of State Locations:	Haverhill,MA	372	Haverhill,MA	264	Haverhill,MA	207	Haverhill,MA	506	Haverhill,MA	119
	N.Andover,MA	228	N.Andover,MA	170	N.Andover,MA	118	N.Andover,MA	361	N.Andover,MA	114
	Andover,MA	169	Andover,MA	162	Newburyport,MA	106	Andover,MA	245	Boston,MA	41
	Lawrence,MA	146	Lawrence,MA	78	Andover,MA	93	Lawrence,MA	216	Danvers,MA	32

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.2 (continued)
Commuting Out - Lawrence MA-NH PMSA - 1990 Census

Towns:	Salem		Sandown		Windham	
Estimated Residents Working:	14,095		2,207		4,726	
Commuting to Another Town:	9,676		1,960		3,922	
Commuting Rate:	68.6%		88.8%		83.0%	
To Locations Within NH:	Nashua	225	Plaistow	237	Salem	486
	Londonderry	215	Derry	148	Nashua	199
	Windham	160	Salem	148	Londonderry	165
	Manchester	148	Hampstead	85	Manchester	162
	Derry	87	Manchester	60	Derry	160
	Plaistow	84	Hampton	29	Plaistow	92
	Hampstead	77	Pelham	28	Hudson	89
	Merrimack	55	Nashua	27	Merrimack	67
Out Of State:	Maine	26	Maine	6	Maine	9
	Massachusetts	8,019	Massachusetts	977	Massachusetts	2,149
	Vermont	0	Vermont	0	Vermont	0
	Other	68	Other	0	Other	109
Out Of State Locations:	Andover,MA	1,174	N.Andover,MA	145	Boston,MA	315
	Lawrence,MA	1,170	Andover,MA	144	Andover,MA	226
	Methuen,MA	885	Haverhill,MA	85	Methuen,MA	171
	N.Andover,MA	588	Lawrence,MA	69	Lowell,MA	155

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.3
Commuting In - Lawrence MA-NH PMSA - 1990 Census

Towns:	Atkinson		Chester		Danville		Derry		Fremont	
Estimated Residents Working:	589		401		242		6,817		290	
Commuting to Another Town:	337		115		136		3,497		144	
Commuting Rate:	57.2%		28.7%		56.2%		51.3%		49.7%	
To Locations Within NH:	Hampstead	69	Derry	38	Hampstead	48	Londonderry	737	Raymond	31
	Derry	36	Sandown	19	Plaistow	15	Manchester	593	Epping	18
	Salem	24	Raymond	11	Durham	11	Raymond	235	Deerfield	14
	Sandown	19					Chester	180	Barrington	10
	Chester	18					Windham	160	Hampton	10
	Raymond	18					Sandown	148		
	Plaistow	17					Concord	93		
	Kingston	14					Hampstead	91		
Out Of State:	Maine	0	Maine	0	Maine	0	Maine	15	Maine	0
	Massachusetts	89	Massachusetts	6	Massachusetts	0	Massachusetts	217	Massachusetts	0
	Vermont	0	Vermont	0	Vermont	0	Vermont	3	Vermont	0
	Other	0	Other	0	Other	0	Other	7	Other	0
Out Of State Locations:	Haverhill,MA	24	Groveland,MA	6			Lawrence,MA	49		
	Amesbury,MA	14					Boston,MA	30		
	N.Andover,MA	12					Andover,MA	29		
	Ipswich,MA	9					Haverhill,MA	15		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.3 (continued)
 Commuting In - Lawrence MA-NH PMSA - 1990 Census

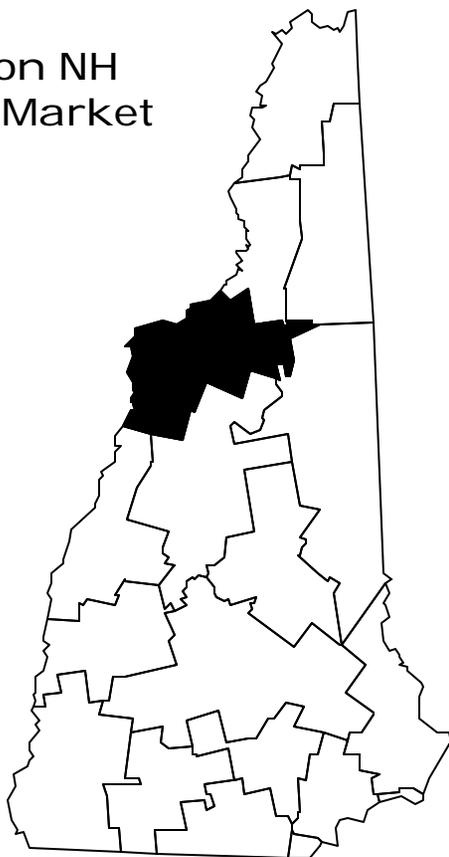
Towns:	Hampstead		Kingston		Newton		Plaistow		Raymond	
Estimated Residents Working:	1,449		1,315		527		4,229		1,821	
Commuting to Another Town:	857		815		311		3,251		985	
Commuting Rate:	59.1%		62.0%		59.0%		76.9%		54.1%	
To Locations Within NH:	Atkinson	91	Plaistow	104	Kingston	50	Atkinson	404	Deerfield	110
	Sandown	85	Newton	54	Plaistow	34	Sandown	237	Epping	98
	Salem	77	Raymond	53	Rye	32	Kingston	203	Candia	90
	Danville	69	Hampstead	46	Derry	18	Hampstead	195	Manchester	72
	Kingston	62	Danville	42	Barrington	11	Raymond	136	Nottingham	69
	Derry	47	Epping	33	E.Kingston	11	Newton	122	Newmarket	47
	Newton	46	Fremont	31	Salem	11	Derry	110	Barrington	43
	Epping	33	Exeter	25			Danville	102	Somersworth	42
Out Of State:	Maine	0	Maine	14	Maine	0	Maine	9	Maine	6
	Massachusetts	52	Massachusetts	201	Massachusetts	56	Massachusetts	969	Massachusetts	20
	Vermont	0	Vermont	0	Vermont	7	Vermont	0	Vermont	0
	Other	8	Other	0	Other	0	Other	9	Other	0
Out Of State Locations:	Haverhill,MA	32	Haverhill,MA	52	Haverhill,MA	47	Haverhill,MA	376	Dracut,MA	9
	N.Andover,MA	7	W.Newbury,MA	24	Groveland,MA	9	Lawrence,MA	116	S.Berwick,ME	6
	Lawrence,MA	5	Methuen,MA	23	Windsor,VT	7	Merrimac,MA	67	Andover,MA	6
	Newburyport,MA	5	Amesbury,MA	17			Newburyport,MA	66	Lynn,MA	5

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 11.3 (continued)
Commuting In - Lawrence MA-NH PMSA - 1990 Census

Towns:	Salem		Sandown		Windham	
Estimated Residents Working:	13,727		354		1,725	
Commuting to Another Town:	9,308		107		921	
Commuting Rate:	67.8%		30.2%		53.4%	
To Locations Within NH:	Derry	1,357	Hampstead	30	Derry	175
	Londonderry	537	Derry	16	Salem	160
	Windham	486	Fremont	11	Londonderry	95
	Manchester	476			Nashua	69
	Nashua	437			Manchester	58
	Pelham	303			Pelham	56
	Hampstead	285			Atkinson	21
	Atkinson	256			Merrimack	18
Out Of State:	Maine	44	Maine	0	Maine	0
	Massachusetts	2,930	Massachusetts	17	Massachusetts	125
	Vermont	3	Vermont	0	Vermont	0
	Other	82	Other	0	Other	5
Out Of State Locations:	Methuen,MA	692	Groveland,MA	9	Methuen,MA	56
	Lawrence,MA	377	Lowell,MA	8	Haverhill,MA	33
	Haverhill,MA	296			Tewksbury,MA	17
	Andover,MA	158			Lawrence,MA	8

12.0 Littleton NH Labor Market Area



The Littleton Labor Market Area is now comprised of fifteen towns, plus four unincorporated places (no commuting activity), compared to the twenty-three towns and one unincorporated place that made up the 1980s' version of the LMA. The Town of Littleton is the LMA focus with the largest population, the largest number of estimated residents working, the largest workforce, and the most residents staying in a community to work. Table 12.1 indicates that Littleton followed form with the lowest commute out rate and conversely, the highest rate for working in the town of resi-

dence. The Town of Haverhill had a considerable estimated residents working count and a sizable workforce. Totals for the LMA amounted to an estimated residents working count of 9,597 and a labor force size of 9,516. The LMA working residents were almost evenly split into 4,751 commuters travelling out of town or state, and 4,846 residents staying in their respective towns to work. The fifteen individual towns were each impacted by nonresidents commuting in, that when collectively added up, numbered 4,670. Four of the fifteen towns had a workforce count of under one hundred workers. Only Littleton and Haverhill, had workforces of over 1,500. Littleton has a myriad of roadways passing through the town, connecting it to the other towns in the area. The use of roadways I93, US3, NH18, NH112, NH116, NH117, NH135, NH142, and US302 create commuting routes for the LMA.

After Littleton and Haverhill, Table 12.2 lists Bethlehem and Lisbon as following with modest tallies of estimated residents working and residents commuting out of town or state. As to rates of commuting out, with exception of Littleton and Carroll, the rest of the LMA towns produced commute-out rates in approximately the 50-80 percent range. The towns most frequently listed were Littleton and Haverhill. They headed the commute-out-to lists for nine of the fifteen towns. One unique commute-out statistic was Haverhill's favorite commute destination, Hanover. For the most part, the city or town that heads up a commute-out or commute-in list is usually part of the same LMA or is at least geographically closeby. Hanover, of course, is not part of the Littleton LMA, and is also separated from

Haverhill by Piermont, Orford, and Lyme. But the connecting factors are Routes I91 and NH10, which make the commute more reasonable than the reader might suspect from a casual examination of a map of the area. In fact, of the eight towns specified on Haverhill's commute-out list, five of them are outside the LMA. Expanding on Haverhill further, it supplied 351 out-of-state commuters, 335 just across the border to Vermont. That helped establish Vermont as the border state with the largest commute-to total (694). St. Johnsbury and Lunenburg were favorite workplace destinations for Littleton LMA commuters.

Commuting-in data for the Littleton LMA is displayed on Table 12.3. Littleton and Haverhill posted the largest nonresident commute-in numbers, as expected, but the unique rates and numbers were produced by Easton (see "Trivial Commute" on page one), and Landaff. Both towns produced commuting-in rates of less than 20 percent, and added together, the number of nonresidents travelling in did not exceed ten. Neither town had any commuters coming in from out-of-state. Littleton's largest number of nonresident commuters (323, via Routes I93 and US302), came from Bethlehem, Haverhill's largest number (110, via NH10 and US302), came from Bath. Franconia received over 100 commuters from Littleton by way of I93 and NH18. Out-of-state workers commuting in were mostly from Vermont with almost an equal number working in Haverhill and Littleton, 364 and 359, respectively. Eleven Boston MA residents were working in Lisbon at the time of the census.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 12.1
Littleton NH LMA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Bath	784	369	263	71.3%	106	28.7%	207	101	48.8%
Benton	330	92	79	85.9%	13	14.1%	77	64	83.1%
Bethlehem	2,033	997	699	70.1%	298	29.9%	435	137	31.5%
Carroll	528	211	83	39.3%	128	60.7%	541	413	76.3%
Dalton	827	354	273	77.1%	81	22.9%	174	93	53.4%
Easton	223	89	72	80.9%	17	19.1%	20	3	15.0%
Franconia	811	358	194	54.2%	164	45.8%	468	304	65.0%
Haverhill	4,164	1,878	894	47.6%	984	52.4%	1,766	782	44.3%
Landaff	350	172	140	81.4%	32	18.6%	39	7	17.9%
Lisbon	1,664	732	374	51.1%	358	48.9%	838	480	57.3%
Littleton	5,827	2,797	670	24.0%	2,127	76.0%	3,808	1,681	44.1%
Lyman	388	170	138	81.2%	32	18.8%	65	33	50.8%
Monroe	746	348	253	72.7%	95	27.3%	196	101	51.5%
Sugar Hill	464	205	155	75.6%	50	24.4%	103	53	51.5%
Whitefield	1,909	825	464	56.2%	361	43.8%	779	418	53.7%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 12.2
Commuting Out - Littleton NH LMA - 1990 Census

Towns:	Bath		Benton		Bethlehem		Carroll		Dalton	
Estimated Residents Working:	369		92		997		211		354	
Commuting to Another Town:	263		79		699		83		273	
Commuting Rate:	71.3%		85.9%		70.1%		39.3%		77.1%	
To Locations Within NH:	Haverhill	110	Haverhill	40	Littleton	323	Whitefield	31	Whitefield	78
	Lisbon	26	Littleton	14	Franconia	53	Littleton	25	Littleton	76
	Littleton	25			Lincoln	52			Lancaster	28
	Lincoln	20			Carroll	48			Lisbon	19
	Hanover	14			Whitefield	34			Northumberland	11
					Lisbon	33				
					Woodstock	16				
					Lancaster	12				
Out Of State:	Maine	0	Maine	0	Maine	2	Maine	0	Maine	0
	Massachusetts	1	Massachusetts	0	Massachusetts	13	Massachusetts	0	Massachusetts	2
	Vermont	47	Vermont	4	Vermont	26	Vermont	4	Vermont	18
	Other	2	Other	0	Other	18	Other	2	Other	2
Out Of State Locations:	Bradford,VT	12			StJohnsbury,VT	14			Lunenburg,VT	16
	Newbury,VT	10			Lunenburg,VT	10				
	Hartford,VT	7			Sherborn,MA	7				

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 12.2 (continued)
 Commuting Out - Littleton NH LMA - 1990 Census

Towns:	Easton	Franconia	Haverhill	Landaff	Lisbon
Estimated Residents Working:	89	358	1,878	172	732
Commuting to Another Town:	72	194	894	140	374
Commuting Rate:	80.9%	54.2%	47.6%	81.4%	51.1%
To Locations Within NH:	Franconia 25 Littleton 17	Littleton 60 Lincoln 37 Sugar Hill 13 Haverhill 12 Bethlehem 11	Hanover 170 Warren 67 Littleton 54 Lisbon 53 Lebanon 33 Orford 20 Piermont 19 Laconia 14	Lisbon 64 Littleton 25 Haverhill 10	Littleton 169 Haverhill 35 Franconia 21 Lincoln 18 Lyman 18 Bath 17
Out Of State:	Maine 0 Massachusetts 0 Vermont 0 Other 4	Maine 2 Massachusetts 13 Vermont 0 Other 3	Maine 11 Massachusetts 0 Vermont 335 Other 5	Maine 2 Massachusetts 0 Vermont 9 Other 0	Maine 0 Massachusetts 0 Vermont 29 Other 0
Out Of State Locations:		Leominister,MA 5	Bradford,VT 130 Ryegate,VT 55 Newbury,VT 53 Hartford,VT 44	StJohnsbury,VT 6	Lunenburg,VT 7 Lyndon,VT 5 SBurlington,VT 5

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 12.3
Commuting Out - Littleton NH LMA - 1990 Census

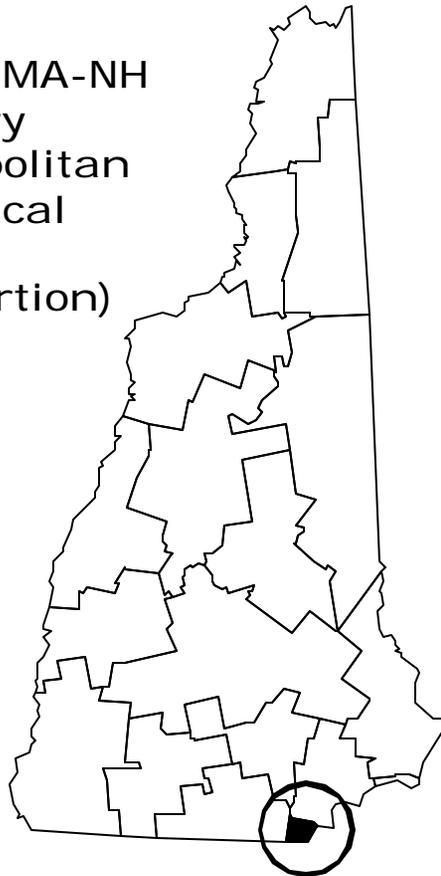
Towns:	Bath		Benton		Bethlehem		Carroll		Dalton	
Estimated Residents Working:	207		77		435		541		174	
Commuting to Another Town:	101		64		137		413		93	
Commuting Rate:	48.8%		83.1%		31.5%		76.3%		53.4%	
To Locations Within NH:	Lisbon	17	Woodstock	39	Littleton	63	Littleton	72	Lancaster	16
	Littleton	15	Plymouth	10	Whitefield	12	Bethlehem	48	Whitefield	13
			Warren	10	Franconia	11	Wolfeboro	32		
							Whitefield	30		
							Berlin	21		
							Bartlett	16		
							Jefferson	15		
Out Of State:	Maine	0	Maine	0	Maine	0	Maine	14	Maine	0
	Massachusetts	0								
	Vermont	17	Vermont	0	Vermont	9	Vermont	16	Vermont	44
	Other	0								
Out Of State Locations:	Randolph,VT	7			Lunenburg,VT	5	Auburn,ME	10	Concord,VT	18
							Lunenburg,VT	13	Lunenburg,VT	14
									Lyndon,VT	7

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 12.3 (continued)
 Commuting Out - Littleton NH LMA - 1990 Census

Towns:	Easton	Franconia	Haverhill	Landaff	Lisbon
Estimated Residents Working:	20	468	1,766	39	838
Commuting to Another Town:	3	304	782	7	480
Commuting Rate:	15.0%	65.0%	44.3%	17.9%	57.3%
To Locations Within NH:		Littleton 102 Bethlehem 53 Sugar Hill 31 Easton 25 Lisbon 21 Whitefield 17	Bath 110 Monroe 48 Benton 40 Lisbon 35 Piermont 23 Warren 18 Meredith 14 Franconia 12		Littleton 86 Landaff 64 Haverhill 53 Lyman 39 Bethlehem 33 Bath 26 Dalton 19 Sugar Hill 14
Out Of State:	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 19 Other 0	Maine 0 Massachusetts 0 Vermont 364 Other 8	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 11 Vermont 80 Other 0
Out Of State Locations:		Lunenburg,VT 6 Newbury,VT 5	Newbury,VT 93 Ryegate,VT 89 Groton,VT 44 Bradford,VT 29		StJohnbury,VT 19 Newbury,VT 15 Boston,MA 11 Bradford,VT 7

13.0
Lowell MA-NH
Primary
Metropolitan
Statistical
Area
(NH Portion)



The New Hampshire portion of the Lowell PMSA is unique in that it encompasses only one New Hampshire town, namely Pelham. The rest of the PMSA is made up of Massachusetts communities; one city and nine towns. This section and Table 13.1 summarize Pelham's commuting activities as reported during the census in 1990. The town's estimated residents working numbered 4,853, with 1,015 of those residents staying in Pelham to work. That left 3,838 of the workers to commute out to another community in New Hampshire or out of state. Pelham's total

workforce, residents and nonresidents, numbered 1,882. The nonresident commute-in rate was 46.1% based on 867 incoming workers.

Pelham had a commute-out rate of 79.1%, established by 3,838 resident commuters. Of those, a combined total of 762 workers commuted to the neighboring New Hampshire towns of Nashua, Salem, and Hudson (see Table 13.2). A network of roadways serves Pelham commuters; NH97, NH111A, NH125, and NH128. Almost all out-of-state commuting (99.7%) was directed to Massachusetts, attested by 2,773 Pelham residents having gone to work in the Bay State. Lowell, the Massachusetts city that is part of the PMSA, was the favorite destination of 753 Pelham workers commuting over the border. The State of Maine drew eight Pelham workers during the census sample period.

The same three neighboring New Hampshire towns mentioned above each dispatched more than 50 commuters into Pelham. Derry provided 111 workers to Pelham, thereby joining the list of commute-in towns right at the top. Table 13.3 shows Massachusetts was the only border state to furnish out-of-state commuters (353) to Pelham. Of the list of Massachusetts cities and towns, Lowell and Dracut (part of the PMSA) were the leaders in supplying Pelham with workers.

Table 13.1
 Lowell MA-NH PMSA (NH Portion) - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Pelham	9,408	4,853	3,838	79.1%	1,015	20.9%	1,882	867	46.1%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 13.2

Commuting Out - Lowell MA/NH PMSA (NH Portion) - 1990 Census

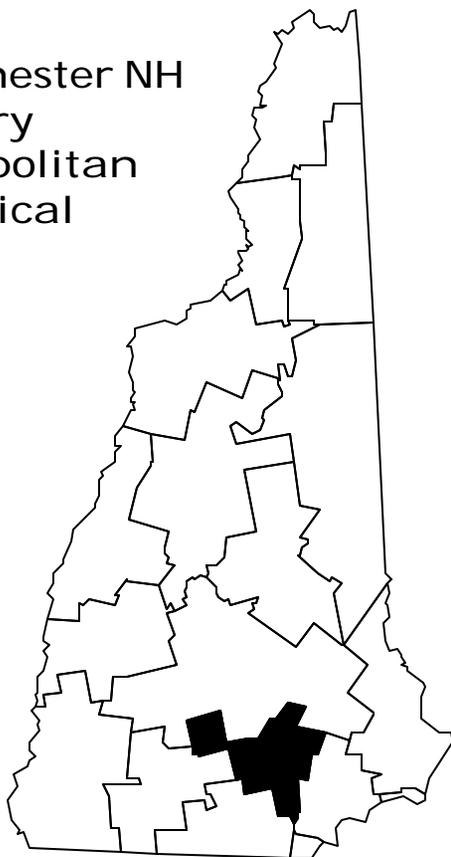
Towns:	Pelham			
Estimated Residents Working:	4,853			
Commuting to Another Town:	3,838			
Commuting Rate:	79.1%			
To Locations Within NH:	Nashua 321			
	Salem 303			
	Hudson 138			
	Manchester 75			
	Windham 56			
	Londonderry 32			
	Derry 21			
	Merrimack 21			
Out Of State:	Maine 8			
	Massachusetts 2,773			
	Vermont 0			
	Other 0			
Out Of State Locations:	Lowell, MA 753			
	Andover, MA 266			
	Dracut, MA 179			
	Boston, MA 148			

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 13.3
 Commuting In - Lowell MA/NH PMSA (NH Portion) - 1990 Census

Towns:	Pelham			
Estimated Residents Working:	1,882			
Commuting to Another Town:	867			
Commuting Rate:	46.1%			
To Locations Within NH:	Derry 111			
	Hudson 63			
	Salem 55			
	Nashua 53			
	Windham 46			
	Sandown 28			
	Hampstead 25			
	Manchester 22			
Out Of State:	Maine 0			
	Massachusetts 353			
	Vermont 0			
	Other 0			
Out Of State Locations:	Lowell,MA 98			
	Dracut,MA 90			
	Lawrence,MA 40			
	Tyn'boro,MA 21			

14.0
Manchester NH
Primary
Metropolitan
Statistical
Area



The Manchester Primary Metropolitan Statistical Area (PMSA) provided some of the largest commute in/out numbers in the State of New Hampshire (See Table 14.1). The City of Manchester, by itself, provided over 50 percent of the PMSA's 90,117 estimated working residents. The City of Manchester and eight towns comprise the PMSA which has a total workforce, residents and nonresidents, of 88,626. The percentage rates of residents staying and working in their towns are low, with again the largest city and center for employment, Manchester, being the exception. The

rate of Manchester residents staying in the city to work exceeded 60 percent. Looking at the PMSA, overall, 39,480 residents remained in their city/town to work. Commuting out rates and numbers, on the other hand, were some of the highest in the state, many in the 80-90 percent range. The total number of workers commuting to another community to work, in or out of state, amounted to 50,637. The number of nonresidents crossing either town or state boundaries to work within the PMSA totaled 49,146, with over half of that number commuting to the City of Manchester. Manchester's workforce, residents and nonresidents, amounted to 59,413, a number larger than the workforce totals of 15 of the state's PMSA/LMAs. There is a myriad of highways and roadways entering and leaving the Manchester area. The most heavily travelled as PMSA interconnectors are I93, I293, US3, NH101, and NH102. Other urban and rural roadways include NH28, NH114, and NH149.

Even with the smallest commute-out rate in the PMSA, because of its large population, Manchester managed to send 19,192 workers out to other towns or states. The average commute-out aggregate for the PMSA was 5,626. Candia at 1,617, had the smallest number to exit its borders to work. As mentioned, large commute-out numbers typically generate high commute-out rates, and Bedford placed the "lowest" (excluding Manchester), with a 73.6% rate (see Table 14.2). Manchester stood out as the destination leader when compared with every other town in the PMSA. Some of the larger providers to the Queen City were Goffstown (3,252), Bedford (2,519), and Hooksett (1,892). Of singular interest, the top two towns on Manchester's commuting-out list

were Bedford (3,161) and Nashua (2,162). Massachusetts was far and away the border state the majority of PMSA workers traveled to, the number of commuters totaling 8,255. Boston MA and Andover MA were the two cities that were noted most frequently on the out-of-state lists. Boston topped five of the individual lists, while Andover placed one or two on six of the lists. Combined, Manchester and Londonderry furnished 101 workers to Maine at census time.

After Manchester, the towns with the largest number of nonresidents commuting-in were Bedford, Hooksett, and Londonderry with 8,310, 5,013, and 4,481 commuters, respectively. Even though an impressive total of 27,606 nonresidents commuted to work in the Queen City, Manchester only had a moderate commute-in rate (46.5%) because of the sheer size of its workforce. Manchester topped the "from" lists for six of the eight towns in the PMSA. These six "firsts" represented 7,092 Manchester workers as nonresident commuters to the other PMSA towns. Looking at the sources of non-resident commuters that traveled to work in Manchester, Table 14.3 indicates Goffstown was the big provider with 3,252, and Bedford was right behind with 2,519 commuters. Table 14.3 also shows Massachusetts reciprocated to its receiving the large number of PMSA commuters reported above, by providing 1,919 Bay State workers to the PMSA. No one Massachusetts city or town stood out with significant numbers, as the commuter total was spread out over source communities like Methuen, Lawrence, and Haverhill. Maine furnished 215 workers to the Manchester PMSA, also from various source areas.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 14.1
Manchester NH PMSA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Allenstown	4,649	2,379	2,142	90.0%	237	10.0%	471	234	49.7%
Auburn	4,085	2,179	1,882	86.4%	297	13.6%	725	428	59.0%
Bedford	12,563	6,581	4,845	73.6%	1,736	26.4%	10,046	8,310	82.7%
Candia	3,557	1,859	1,617	87.0%	242	13.0%	985	743	75.4%
Goffstown	14,621	7,550	6,069	80.4%	1,481	19.6%	3,467	1,986	57.3%
Hooksett	8,767	4,821	3,858	80.0%	963	20.0%	5,976	5,013	83.9%
Londonderry	19,781	10,660	8,536	80.1%	2,124	19.9%	6,605	4,481	67.8%
Manchester	99,567	50,999	19,192	37.6%	31,807	62.4%	59,413	27,606	46.5%
Weare	6,193	3,089	2,496	80.8%	593	19.2%	938	345	36.8%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 14.2
Commuting Out - Manchester NH PMSA - 1990 Census

Towns:	Allenstown		Auburn		Bedford		Candia		Goffstown	
Estimated Residents Working:	2,379		2,179		6,581		1,859		7,550	
Commuting to Another Town:	2,142		1,882		4,845		1,617		6,069	
Commuting Rate:	90.0%		86.4%		73.6%		87.0%		80.4%	
To Locations Within NH:	Manchester	591	Manchester	812	Manchester	2,519	Manchester	676	Manchester	3,252
	Concord	431	Hooksett	138	Nashua	297	Bedford	104	Bedford	638
	Hooksett	309	Londonderry	125	Merrimack	233	Raymond	90	Nashua	332
	Pembroke	119	Nashua	94	Concord	188	Hooksett	81	Concord	266
	Bedford	100	Merrimack	67	Goffstown	148	Nashua	69	Merrimack	251
	Nashua	75	Derry	64	Londonderry	140	Merrimack	58	Hooksett	130
	Londonderry	67	Bedford	62	Hooksett	120	Concord	57	Salem	103
	Bow	48	Salem	49	Amherst	96	Derry	43	Hudson	102
Out Of State:	Maine	0		7		0		10		0
	Massachusetts	167		258		465		130		424
	Vermont	0		5		7		4		5
	Other	11		7		99		5		38
Out Of State Locations:	Andover,MA	22	Lawrence,MA	51	Boston,MA	69	Andover,MA	35	Boston,MA	60
	Haverhill,MA	20	Wilmington,MA	29	Andover,MA	46	Boston,MA	26	Andover,MA	48
	Lynn,MA	14	Andover,MA	26	Chelmsford,MA	43	Lynn,MA	17	Wilmington,MA	34
	Needham,MA	14	Boston,MA	21	Lowell,MA	28	Medford,MA	13	Lowell,MA	33

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 14.2 (continued)
Commuting Out - Manchester NH PMSA - 1990 Census

Towns:	Hooksett	Londonderry	Manchester	Weare		
Estimated Residents Working:	4,821	10,660	50,999	3,089		
Commuting to Another Town:	3,858	8,536	19,192	2,496		
Commuting Rate:	80.0%	80.1%	37.6%	80.8%		
To Locations Within NH:	Manchester 1,892 Concord 330 Bedford 278 Nashua 268 Londonderry 139 Bow 89 Merrimack 73 Pembroke 63	Manchester 1,299 Nashua 797 Derry 737 Salem 537 Hudson 391 Candia 190 Merrimack 185 Windham 95	Bedford 3,161 Nashua 2,162 Hooksett 1,742 Merrimack 1,231 Concord 1,213 Londonderry 1,098 Goffstown 900 Derry 593	Manchester 803 Concord 303 Bedford 164 Merrimack 140 Goffstown 133 Nashua 115 Hooksett 84 Milford 64		
Out Of State:	8 195 0 36	22 3,340 0 111	79 3,163 18 205	Maine 10 Massachusetts 113 Vermont 0 Other 12		
Out Of State Locations:	Boston,MA 48 Lynn,MA 28 Methuen,MA 15 Revere,MA 15	Boston,MA 348 Andover,MA 314 Wilmington,MA 266 Lawrence,MA 219	Boston,MA 409 Andover,MA 326 Littleton,MA 194 Methuen,MA 153	Cambridge,MA 24 Ayer,MA 15 Westford,MA 14 Boston,MA 11		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 14.3
Commuting In - Manchester NH PMSA - 1990 Census

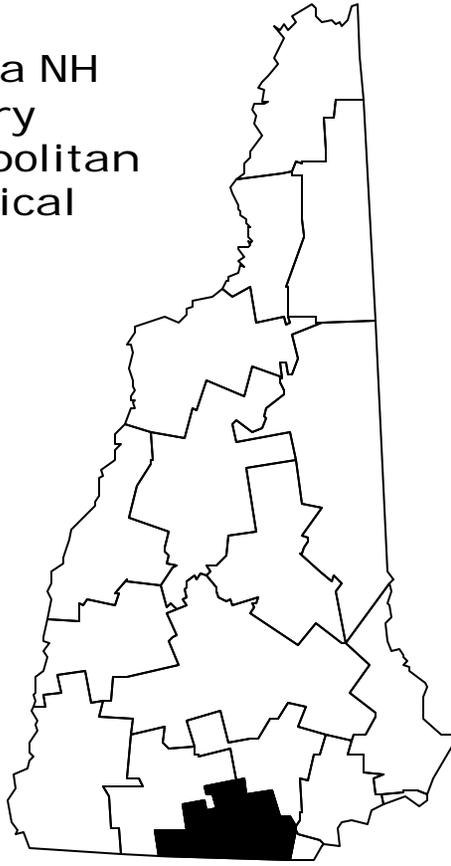
Towns:	Allenstown		Auburn		Bedford		Candia		Goffstown	
Estimated Residents Working:	471		725		10,046		985		3,467	
Commuting to Another Town:	234		428		8,310		743		1,986	
Commuting Rate:	49.7%		59.0%		82.7%		75.4%		57.3%	
To Locations Within NH:	Pembroke	87	Manchester	122	Manchester	3,161	Londonderry	190	Manchester	900
	Epsom	30	Derry	30	Goffstown	638	Derry	86	Bedford	148
	Manchester	22	Raymond	25	Merrimack	463	Manchester	82	Weare	133
	Concord	21	Candia	18	Concord	290	Deerfield	53	New Boston	87
	Hooksett	21	Newmarket	16	Hooksett	278	Salem	34	Dunbarton	62
			Farmington	15	Londonderry	265	Raymond	31	Nashua	59
			Londonderry	15	Nashua	240	Hooksett	29	Hooksett	55
			Goffstown	14	Derry	234	Chester	27	Derry	42
Out Of State:	Maine	0	Maine	0	Maine	28	Maine	3	Maine	2
	Massachusetts	11	Massachusetts	54	Massachusetts	299	Massachusetts	56	Massachusetts	23
	Vermont	0	Vermont	5	Vermont	12	Vermont	0	Vermont	5
	Other	0	Other	0	Other	16	Other	0	Other	15
Out Of State Locations:	Boston,MA	11	Leominster,MA	11	Cambridge,MA	26	Haverhill,MA	30	Randolph,MA	9
			Topsfield,MA	11	Wakefield,MA	23	Lawrence,MA	11	Townsend,MA	8
			Haverhill,MA	9	Andover,MA	21	Milton,MA	9	Lexington,MA	6
			Lawrence,MA	8	Leominster,MA	21	Lowell,MA	6	Barnard,VT	5

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 14.3 (continued)
 Commuting Out - Manchester NH PMSA - 1990 Census

Towns:	Hooksett	Londonderry	Manchester	Weare	
Estimated Residents Working:	5,976	6,605	59,413	938	
Commuting to Another Town:	5,013	4,481	27,606	345	
Commuting Rate:	83.9%	67.8%	46.5%	36.8%	
To Locations Within NH:	Manchester 1,742 Pembroke 316 Allentown 309 Concord 262 Auburn 138 Derry 130 Goffstown 130 Bow 125	Manchester 1,098 Derry 888 Salem 215 Windham 165 Nashua 151 Bedford 140 Hooksett 139 Auburn 125	Goffstown 3,252 Bedford 2,519 Hooksett 1,892 Concord 1,747 Londonderry 1,299 Derry 1,263 Nashua 1,013 Weare 803	Manchester 69 New Boston 51 Goffstown 49 Deering 33 Concord 22 Hillsborough 18 Epsom 17	
Out Of State:	Maine 0 Massachusetts 149 Vermont 0 Other 36	Maine 14 Massachusetts 278 Vermont 0 Other 26	Maine 168 Massachusetts 1,049 Vermont 20 Other 190	Maine 0 Massachusetts 0 Vermont 1 Other 0	
Out Of State Locations:	Quincy,MA 59 Peabody,MA 18 N.Andover,MA 12 Lowell,MA 11	Lawrence,MA 49 Haverhill,MA 22 Lowell,MA 20 Ipswich,MA 15	Methuen,MA 79 Haverhill,MA 77 N.Andover,MA 66 Lowell,MA 65		

15.0 Nashua NH Primary Metropolitan Statistical Area



The Nashua NH PMSA released the Town of Londonderry to the Manchester PMSA realignment, while adding three small towns from the former unattached estimating area. New to the PMSA, and west of Nashua via Route NH130, are the towns of Greenville, Mason, and New Ipswich. Other routes, turnpikes, and roadways that interconnect the PMSA include: the Everett Turnpike, US3, NH101A, NH102, NH111, and NH130. The City of Nashua yielded most of the largest commute numbers and the largest workforce in the PMSA, followed by Merrimack and Hudson (see Table 15.1). The PMSA produced figures of 91,261

estimated residents working and a 84,932 resident and nonresident workforce. The number of residents that remained in their respective communities to work amounted to 34,769 and the rest who left their place of residence to work totaled 56,492. The workforce minus the number of residents working in a town yielded the number of nonresidents travelling into a community to complete the workforce total. For the entire PMSA that commuting-in difference was 50,163. Litchfield made its mark on the PMSA with the largest commuting-out rate (94.3%) of any town in the state with more than 2,000 in population. See the citing of Litchfield in "Trivial Commute" on page one. The City of Nashua as a major employment center had the only residents working-in-city rate over 50 percent, as 22,555 inhabitants stayed within the city limits to work.

Table 15.2 revealed an interesting commute-out fact about the City of Nashua. Even though Nashua (20,855) had the largest commute-out total, the city did not have the largest number of commuters traveling to another individual city or town. In fact, Nashua placed third in that category, behind the two largest towns in the PMSA, Hudson and Merrimack. Comparing the number one and number three positions, Hudson and Nashua swapped commuters across the Merrimack River, Hudson sent 3,425 workers to Nashua, and Nashua provided 2,799 workers to Hudson. Even with large numbers, Nashua's commute-out rate of 48.0% managed to be the lowest due to its dominance of the PMSA population. Another Nashua commute-out statistic worth noting, was the number of out-of-state commuters the city supplied to Massachusetts. Of the 11,639

Nashua commuters crossing state borders, 11,160 had the Commonwealth as their destination. This was over 53 percent of the City of Nashua's commute-out number. Hudson and Merrimack followed with 3,091 and 2,210 commuters to Massachusetts, respectively. Following a well-worn path down Route US3, PMSA commuters with Baystate jobs caused the Massachusetts cities of Boston and Lowell and the towns of Bedford and Billerica to appear frequently on the commute-out lists as popular destinations.

On the commuting-in lists, Nashua was there again with large numbers, accepting 25,176 nonresidents to complete its workforce. Out-of-staters from Massachusetts, many no doubt traveling Route US3, numbered 4,821. From within the state, the Nashua PMSA towns of Hudson, Merrimack, Milford, Amherst, and Hollis, and the City of Manchester outside the PMSA, all provided 1,000 workers or more to Nashua. Nashua reciprocated by providing workers in significant numbers to Hudson (as mentioned above), and to Merrimack (2,352), Amherst (511), Milford (433), Hollis (146), and Wilton (111). Other commuter numbers of some magnitude involved the towns of Amherst (530), Wilton (303), and Manchester (258), all commuting to Milford at the intersection of Routes NH101, NH101A, and NH13. Since no point in the Nashua PMSA is more than fifteen miles, straightline, from the Massachusetts border, the Baystate was the big out-of-state provider of workers traveling into the area. Lowell MA was the city which most often appeared at the top of the commuter lists, providing workers principally to Nashua (601), Hudson (264), Merrimack (99), and Amherst (49).

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 15.1
Nashua NH PMSA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Amherst	9,068	4,772	3,806	79.8%	966	20.2%	3,186	2,220	69.7%
Brookline	2,410	1,290	1,100	85.3%	190	14.7%	334	144	43.1%
Greenville	2,231	1,131	956	84.5%	175	15.5%	486	311	64.0%
Hollis	5,705	2,904	2,403	82.7%	501	17.3%	1,090	589	54.0%
Hudson	19,530	10,932	8,044	73.6%	2,888	26.4%	10,469	7,581	72.4%
Litchfield	5,516	3,025	2,854	94.3%	171	5.7%	464	293	63.1%
Mason	1,212	654	576	88.1%	78	11.9%	169	91	53.8%
Merrimack	22,156	12,569	8,838	70.3%	3,731	29.7%	12,311	8,580	69.7%
Milford	11,795	6,394	3,849	60.2%	2,545	39.8%	6,102	3,557	58.3%
Mont Vernon	1,812	907	776	85.6%	131	14.4%	247	116	47.0%
Nashua	79,662	43,410	20,855	48.0%	22,555	52.0%	47,731	25,176	52.7%
New Ipswich	4,014	1,784	1,309	73.4%	475	26.6%	908	433	47.7%
Wilton	3,122	1,489	1,126	75.6%	363	24.4%	1,435	1,072	74.7%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 15.2
Commuting Out - Nashua NH PMSA - 1990 Census

Towns:	Amherst		Brookline		Greenville		Hollis		Hudson	
Estimated Residents Working:	4,772		1,290		1,131		2,904		10,932	
Commuting to Another Town:	3,806		1,100		956		2,403		8,044	
Commuting Rate:	79.8%		85.3%		84.5%		82.7%		73.6%	
To Locations Within NH:	Nashua	1,210	Nashua	355	Milford	119	Nashua	1,003	Nashua	3,425
	Milford	530	Milford	80	New Ipswich	90	Merrimack	191	Merrimack	392
	Merrimack	375	Merrimack	71	Nashua	79	Manchester	88	Manchester	267
	Manchester	301	Manchester	57	Peterborough	74	Hudson	73	Salem	220
	Hudson	151	Hollis	49	Wilton	50	Bedford	62	Milford	109
	Bedford	143	Amherst	46	Mason	27	Amherst	60	Londonderry	98
	Wilton	82	Hudson	40	Jaffrey	24	Milford	56	Pelham	63
	Concord	50			Manchester	24	Wilton	15	Litchfield	28
Out Of State:	Maine	0	Maine	5	Maine	2	Maine	6	Maine	9
	Massachusetts	563	Massachusetts	304	Massachusetts	349	Massachusetts	720	Massachusetts	3,091
	Vermont	13	Vermont	0	Vermont	0	Vermont	0	Vermont	0
	Other	101	Other	12	Other	7	Other	51	Other	104
Out Of State Locations:	Boston,MA	68	Chelmsford,MA	28	Fitchburg,MA	73	Boston,MA	67	Lowell,MA	563
	Chelmsford,MA	46	Littleton,MA	25	Townsend,MA	33	Lowell,MA	61	Billerica,MA	253
	Billerica,MA	42	Billerica,MA	22	Ayer,MA	18	Chelmsford,MA	45	Tewksbury,MA	223
	Waltham,MA	42	Lowell,MA	19	Chelmsford,MA	18	Littleton,MA	43	Andover,MA	199

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 15.2 (continued)
 Commuting Out - Nashua NH PMSA - 1990 Census

Towns:	Litchfield		Mason		Merrimack		Milford		Mont Vernon	
Estimated Residents Working:	3,025		654		12,569		6,394		907	
Commuting to Another Town:	2,854		576		8,838		3,849		776	
Commuting Rate:	94.3%		88.1%		70.3%		60.2%		85.6%	
To Locations Within NH:	Nashua	762	Nashua	73	Nashua	3,158	Nashua	1,496	Nashua	196
	Manchester	549	Milford	47	Manchester	1,333	Merrimack	373	Milford	193
	Hudson	462	Merrimack	38	Hudson	518	Amherst	252	Merrimack	51
	Merrimack	116	Wilton	38	Bedford	463	Manchester	186	Manchester	43
	Londonderry	110	Amherst	25	Amherst	182	Hudson	181	Amherst	38
	Bedford	104	New Ipswich	16	Milford	169	Wilton	157	Wilton	37
	Derry	52	Greenville	14	Salem	101	Bedford	61	Hudson	24
	Salem	41	Manchester	13	Londonderry	82	Hollis	60	Bedford	17
Out Of State:	Maine	0	Maine	4	Maine	10	Maine	0	Maine	2
	Massachusetts	556	Massachusetts	215	Massachusetts	2,210	Massachusetts	671	Massachusetts	102
	Vermont	0	Vermont	6	Vermont	0	Vermont	7	Vermont	3
	Other	8	Other	16	Other	81	Other	42	Other	0
Out Of State Locations:	Lowell,MA	88	N.Andover,MA	30	Boston,MA	213	Chelmsford,MA	61	Lowell,MA	17
	Billerica,MA	55	Waltham,MA	17	Bedford,MA	205	Lexington,MA	57	Bedford,MA	10
	Boston,MA	53	Boston,MA	13	Burlington,MA	190	Bedford,MA	49	Boston,MA	8
	Andover,MA	42	Littleton,MA	12	Chelmsford,MA	160	Lowell,MA	44	Lexington,MA	7

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 15.2 (continued)
 Commuting Out - Nashua NH PMSA - 1990 Census

Towns:	Nashua		New Ipswich		Wilton	
Estimated Residents Working:	43,410		1,784		1,489	
Commuting to Another Town:	20,855		1,309		1,126	
Commuting Rate:	48.0%		73.4%		75.6%	
To Locations Within NH:	Hudson	2,799	Milford	115	Milford	303
	Merrimack	2,352	Peterborough	114	Nashua	251
	Manchester	1,013	Greenville	91	Merrimack	90
	Amherst	511	Nashua	74	Amherst	56
	Salem	437	Jaffrey	65	Manchester	48
	Milford	433	Wilton	53	Hollis	23
	Bedford	240	Merrimack	49	Hudson	20
	Concord	192	Rindge	36	Concord	17
Out Of State:	Maine	36	Maine	0	Maine	0
	Massachusetts	11,160	Massachusetts	486	Massachusetts	121
	Vermont	23	Vermont	0	Vermont	11
	Other	420	Other	29	Other	22
Out Of State Locations:	Lowell, MA	1,425	Fitchburg, MA	80	Somerville, MA	17
	Bedford, MA	1,033	Littleton, MA	47	Boston, MA	11
	Burlington, MA	813	Lowell, MA	38	Fitchburg, MA	11
	Billerica, MA	687	Lunenburg, MA	31	W. Windsor, VT	11

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 15.3
Commuting In - Nashua NH PMSA - 1990 Census

Towns:	Amherst		Brookline		Greenville		Hollis		Hudson	
Estimated Residents Working:	3,186		334		486		1,090		10,469	
Commuting to Another Town:	2,220		144		311		589		7,581	
Commuting Rate:	69.7%		43.1%		64.0%		54.0%		72.4%	
To Locations Within NH:	Nashua	511	Milford	35	New Ipswich	91	Nashua	146	Nashua	2,799
	Milford	252	Nashua	19	Rindge	45	Milford	60	Merrimack	518
	Merrimack	182	New Ipswich	13	Greenfield	27	Brookline	49	Litchfield	462
	Manchester	172	Hudson	12	Temple	17	Amherst	41	Londonderry	391
	Bedford	96	Mason	10	Chesterfield	14	Bedford	38	Manchester	378
	New Boston	93			Mason	14	Wilton	23	Derry	302
	Hollis	60			Nashua	13	Manchester	21	Milford	181
	Wilton	56			Wilton	11	Goffstown	18	Amherst	151
Out Of State:	Maine	7	Maine	0	Maine	0	Maine	0	Maine	15
	Massachusetts	196	Massachusetts	0	Massachusetts	38	Massachusetts	47	Massachusetts	1,197
	Vermont	0	Vermont	0	Vermont	0	Vermont	0	Vermont	0
	Other	0	Other	0	Other	0	Other	0	Other	86
Out Of State Locations:	Lowell,MA	49			Fitchburg,MA	21	Pepperell,MA	19	Lowell,MA	264
	Holliston,MA	21			Dracut,MA	9	Arlington,MA	8	Dracut,MA	175
	Tyngsboro,MA	20			Ipswich,MA	6	Westford,MA	8	Townsend,MA	73
	Chelmsford,MA	19					Natick,MA	6	Tyngsboro,MA	58

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 15.3 (continued)
 Commuting In - Nashua NH PMSA - 1990 Census

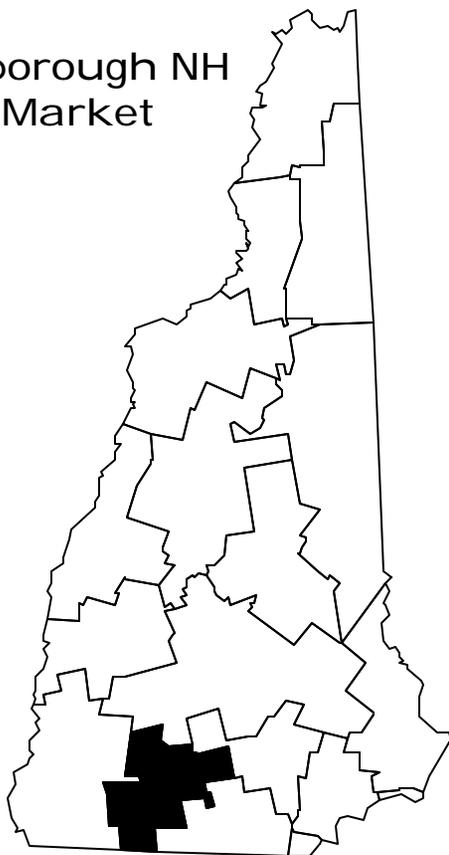
Towns:	Litchfield		Mason		Merrimack		Milford		Mont Vernon	
Estimated Residents Working:	464		169		12,311		6,102		247	
Commuting to Another Town:	293		91		8,580		3,557		116	
Commuting Rate:	63.1%		53.8%		69.7%		58.3%		47.0%	
To Locations Within NH:	Manchester	93	Greenville	27	Nashua	2,352	Amherst	530	Milford	40
	Nashua	48	New Ipswich	26	Manchester	1,231	Nashua	433	Amherst	28
	Hudson	28			Hudson	392	Wilton	303	Bedford	17
	Bedford	27			Amherst	375	Manchester	258		
	Hooksett	25			Milford	373	Mont Vernon	193		
	Derry	18			Goffstown	251	Merrimack	169		
					Bedford	233	New Boston	146		
					Hollis	191	Greenville	119		
Out Of State:	Maine	0	Maine	0	Maine	23	Maine	0	Maine	0
	Massachusetts	8	Massachusetts	11	Massachusetts	724	Massachusetts	145	Massachusetts	0
	Vermont	0	Vermont	0	Vermont	9	Vermont	11	Vermont	2
	Other	0	Other	0	Other	70	Other	11	Other	0
Out Of State Locations:	Chelmsford,MA	8	Lunenburg,MA	11	Lowell,MA	99	Leominster,MA	26	Stowe,VT	2
					Pepperell,MA	72	Billerica,MA	18		
					Tyngsboro,MA	72	Lexington,MA	18		
					Westford,MA	33	Lowell,MA	17		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 15.3 (continued)
Commuting In - Nashua NH PMSA - 1990 Census

Towns:	Nashua		New Ipswich		Wilton	
Estimated Residents Working:	47,731		908		1,435	
Commuting to Another Town:	25,176		433		1,072	
Commuting Rate:	52.7%		47.7%		74.7%	
To Locations Within NH:	Hudson	3,425	Rindge	102	Milford	157
	Merrimack	3,158	Greenville	90	Nashua	111
	Manchester	2,162	Nashua	34	Lyndeborough	94
	Milford	1,496	Jaffrey	25	Amherst	82
	Amherst	1,210	Peterborough	25	Merrimack	77
	Hollis	1,003	Merrimack	20	Peterborough	60
	Londonderry	797	Mason	16	New Ipswich	53
	Litchfield	762	Temple	13	Greenville	50
Out Of State:	Maine	85	Maine	10	Maine	0
	Massachusetts	4,821	Massachusetts	21	Massachusetts	50
	Vermont	29	Vermont	5	Vermont	4
	Other	203	Other	0	Other	6
Out Of State Locations:	Lowell,MA	601	Berwick,ME	10	Fall River,MA	13
	Chelmsford,MA	412	Shirley,MA	6	Pepperell,MA	10
	Tyngsboro,MA	303	Foxboro,MA	5	Leominster,MA	8
	Pepperell,MA	297	Lowell,MA	5	Townsend,MA	8

16.0 Peterborough NH Labor Market Area



The new Peterborough Labor Market Area is made up of thirteen towns that were formerly part of the 1980 versions of the Keene and Concord Labor Market Areas, and the unattached area. Table 16.1 lists the thirteen towns from Cheshire and Hillsborough Counties that make up the Peterborough LMA, and summarizes much of the in/out commute data for the area. The town of Peterborough is at the junction of Routes NH101 and US202. These routes are the major links tying the LMA together, along with a web of urban and rural roadways formed by Routes NH31, NH45, NH123,

NH136, and NH137. Typically in most LMAs, we have seen one city or town dominate the numbers and rates, usually the city/town that is the keystone and selected as namesake for the LMA. The Peterborough LMA is unique in that any one of three or four towns have numbers that are very comparable, depending on category, and Peterborough is not always at the top of each list, including population. Jaffrey (2,652), Peterborough (2,612), and Rindge (2,299) have estimated residents working numbers that are similar, while the workforce total leaders, for residents and nonresidents, were Peterborough (4,666), Jaffrey (2,674), and Rindge (1,452). The largest number of residents that stayed and worked in their respective towns are listed as Peterborough (1,514), Jaffrey (1,249) and Rindge (809). Those LMA workers commuting most frequently across town or state borders were from Rindge (1,490), New Boston (1,456), Jaffrey (1,403), and Peterborough (1,098).

Even though Peterborough was not at the top of every category, it was the leader in total size of workforce and in the number of nonresidents commuting into town. When examining commuting-out data, those two categories are indicators as to where the greater number of workers are traveling to. Peterborough headed the lists for eight of the other twelve towns in the LMA. When Peterborough placed first on a list, it usually did so by a healthy margin. See Table 16.2 for commute-out lists to locations within the state. The individual town with the largest number was Jaffrey, which sent 495 commuters to Peterborough. New Boston and Rindge followed, sending 384 workers to

Manchester and 326 to Jaffrey, respectively. The town with the fewest commuters was Sharon (129), which still managed to send 54 workers to Peterborough. Routes NH101 and US202 also appeared to be the chief roadways to out-of-state destinations. Route US202 led commuters to places in Massachusetts like Ayer, Fitchburg, and Lunenburg. Route NH101 was the gateway easterly to locations like Boston, Andover, and Lowell. Rindge and Jaffrey provided the largest number of workers to the Bay State.

Peterborough (3,152) and Jaffrey (1,425) had the largest number of nonresidents commuting in. Jaffrey and Hancock topped Peterborough's list of in-commuters, while Rindge and Peterborough provided the largest number of commuters to Jaffrey. Table 16.3 displays the LMA's complete commute-in data lists for all of the towns in the area. The out-of-state commute-in numbers were quite small for the Peterborough LMA, the primary provider being Massachusetts. Route US202 apparently was the main avenue into the LMA from out-of-state with towns like Peterborough (180), Jaffrey (140), and Rindge (100) receiving the bulk of the commuters. Winchendon, Townsend, and Gardner were examples of Bay State towns that provided these workers.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 16.1
Peterborough NH LMA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Antrim	2,360	1,182	968	81.9%	214	18.1%	437	223	51.0%
Bennington	1,236	611	436	71.4%	175	28.6%	409	234	57.2%
Dublin	1,474	765	471	61.6%	294	38.4%	757	463	61.2%
Franchestown	1,217	613	480	78.3%	133	21.7%	184	51	27.7%
Greenfield	1,519	677	521	77.0%	156	23.0%	580	424	73.1%
Hancock	1,604	796	590	74.1%	206	25.9%	388	182	46.9%
Jaffrey	5,361	2,652	1,403	52.9%	1,249	47.1%	2,674	1,425	53.3%
Lyndeborough	1,294	660	553	83.8%	107	16.2%	154	47	30.5%
New Boston	3,214	1,719	1,456	84.7%	263	15.3%	507	244	48.1%
Peterborough	5,239	2,612	1,098	42.0%	1,514	58.0%	4,666	3,152	67.6%
Rindge	4,941	2,299	1,490	64.8%	809	35.2%	1,452	643	44.3%
Sharon	299	150	129	86.0%	21	14.0%	50	29	58.0%
Temple	1,194	579	477	82.4%	102	17.6%	140	38	27.1%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 16.2
Commuting Out - Peterborough NH LMA - 1990 Census

Towns:	Antrim		Bennington		Dublin		Francestown		Greenfield	
Estimated Residents Working:	1,182		611		765		613		677	
Commuting to Another Town:	968		436		471		480		521	
Commuting Rate:	81.9%		71.4%		61.6%		78.3%		77.0%	
To Locations Within NH:	Hillsborough	172	Peterborough	141	Peterborough	171	Peterborough	71	Peterborough	155
	Peterborough	172	Hillsborough	43	Keene	106	Nashua	65	Milford	56
	Manchester	79	Milford	32	Jaffrey	34	Manchester	55	Nashua	49
	Milford	62	Nashua	30	Marlborough	13	Merrimack	28	Amherst	23
	Bennington	60	Jaffrey	23	Hancock	12	Milford	25	Merrimack	21
	Greenfield	59	Antrim	20	Milford	10	Wilton	23	Wilton	18
	Jaffrey	50	Greenfield	16	Rindge	10	Concord	19	Jaffrey	15
	Concord	45	Wilton	15			Bedford	15	Manchester	14
Out Of State:	Maine	0	Maine	0	Maine	3	Maine	0	Maine	0
	Massachusetts	60	Massachusetts	8	Massachusetts	40	Massachusetts	37	Massachusetts	25
	Vermont	0	Vermont	0	Vermont	0	Vermont	0	Vermont	0
	Other	11	Other	0	Other	5	Other	2	Other	10
Out Of State Locations:	Boston,MA	8	Boston,MA	6	Boston,MA	14	Boston,MA	7	Methuen,MA	5
	Edgartown,MA	8					Billerica	5		
	Winchendon,MA	8								
	Townsend,MA	7								

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 16.2 (continued)
 Commuting Out - Peterborough NH LMA - 1990 Census

Towns:	Hancock		Jaffrey		Lyndeborough		New Boston		Peterborough	
Estimated Residents Working:	796		2,652		660		1,719		2,612	
Commuting to Another Town:	590		1,403		553		1,456		1,098	
Commuting Rate:	74.1%		52.9%		83.8%		84.7%		42.0%	
To Locations Within NH:	Peterborough	270	Peterborough	495	Nashua	110	Manchester	384	Jaffrey	164
	Jaffrey	46	Rindge	163	Milford	108	Milford	146	Keene	134
	Keene	30	Keene	119	Wilton	94	Nashua	140	Dublin	66
	Bennington	24	Greenfield	54	Manchester	27	Bedford	119	Rindge	63
	Dublin	22	Milford	40	Merrimack	21	Merrimack	95	Wilton	60
	Nashua	19	Dublin	34	Bedford	20	Amherst	93	Merrimack	59
	Hillsborough	16	New Ipswich	25	Amherst	15	Goffstown	87	Greenfield	55
	Manchester	15	Manchester	23	Greenfield	12	Concord	54	Nashua	53
Out Of State:	Maine	0	Maine	22	Maine	0	Maine	0	Maine	0
	Massachusetts	32	Massachusetts	217	Massachusetts	72	Massachusetts	111	Massachusetts	131
	Vermont	2	Vermont	7	Vermont	0	Vermont	0	Vermont	12
	Other	12	Other	22	Other	7	Other	6	Other	28
Out Of State Locations:	Andover,MA	8	Ayer,MA	30	Boston,MA	9	Boston,MA	39	Boston,MA	23
	Boston,MA	5	Lunenburg,MA	16	N.Attleboro,MA	9	Tewksbury,MA	14	Milford,MA	14
			Royalston,MA	16	Pepperell,MA	8	Lexington,MA	11	Winchendon,MA	14
			Dedham,MA	15	Lexington,MA	7	Lowell,MA	11	Framingham,MA	10

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 16.2 (continued)
 Commuting Out - Peterborough NH LMA - 1990 Census

Towns:	Rindge	Sharon	Temple		
Estimated Residents Working:	2,299	150	579		
Commuting to Another Town:	1,490	129	477		
Commuting Rate:	64.8%	86.0%	82.4%		
To Locations Within NH:	Jaffrey 326 Peterborough 188 New Ipswich 102 Keene 59 Nashua 52 Fitzwilliam 45 Greenville 45 Dublin 18	Peterborough 54 Jaffrey 11 Nashua 11	Milford 66 Peterborough 61 Nashua 52 Jaffrey 35 Wilton 25 Merrimack 24 Amherst 22 Manchester 22		
Out Of State:	Maine 0 Massachusetts 528 Vermont 0 Other 28	Maine 0 Massachusetts 13 Vermont 2 Other 2	Maine 0 Massachusetts 65 Vermont 0 Other 3		
Out Of State Locations:	Fitchburg,MA 81 Winchendon,MA 58 Gardner,MA 52 Billerica,MA 41		Fitchburg,MA 12 Bedford,MA 5 Boston,MA 5		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 16.3
Commuting In - Peterborough NH LMA - 1990 Census

Towns:	Antrim		Bennington		Dublin		Francestown		Greenfield	
Estimated Residents Working:	437		409		757		184		580	
Commuting to Another Town:	223		234		463		51		424	
Commuting Rate:	51.0%		57.2%		61.2%		27.7%		73.1%	
To Locations Within NH:	Hillsborough	74	Antrim	60	Keene	77	Peterborough	12	Antrim	59
	Henniker	21	Hillsborough	37	Peterborough	66			Peterborough	55
	Bennington	20	Hancock	24	Swanzey	47			Jaffrey	54
	Greenfield	13	Deering	18	Harrisville	38			Hillsborough	21
	Manchester	11	New Boston	17	Jaffrey	34			Manchester	21
	Weare	10	Jaffrey	14	Hancock	22			Keene	17
			Henniker	11	Rindge	18			Amherst	16
			Barnstead	10	Nelson	16			Bennington	16
Out Of State:	Maine	0	Maine	0	Maine	0	Maine	7	Maine	0
	Massachusetts	0	Massachusetts	8	Massachusetts	33	Massachusetts	0	Massachusetts	6
	Vermont	0	Vermont	0	Vermont	4	Vermont	0	Vermont	0
	Other	0	Other	0	Other	0	Other	2	Other	0
Out Of State Locations:			Easton,MA	8	Winchendon,MA	24	Brewer,ME	7	Ashby,MA	6
					Carlisle,MA	9				

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 16.3 (continued)
 Commuting In - Peterborough NH LMA - 1990 Census

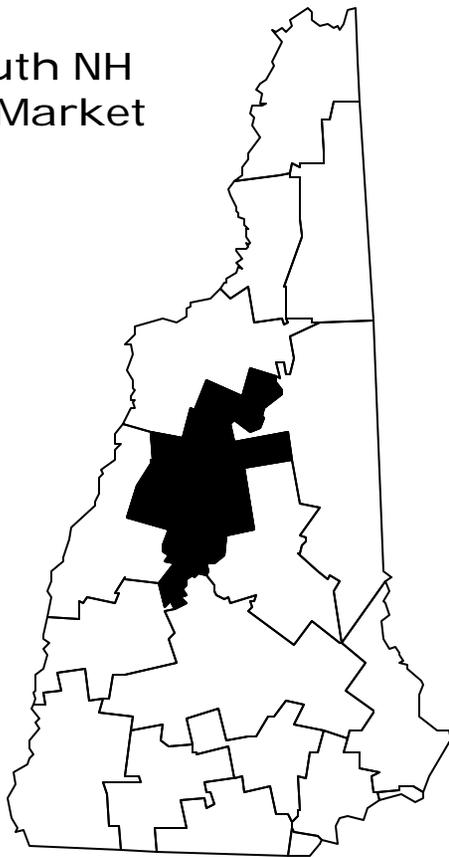
Towns:	Hancock		Jaffrey		Lyndeborough		New Boston		Peterborough	
Estimated Residents Working:	388		2,674		154		507		4,666	
Commuting to Another Town:	182		1,425		47		244		3,152	
Commuting Rate:	46.9%		53.3%		30.5%		48.1%		67.6%	
To Locations Within NH:	Peterborough	32	Rindge	326	Wilton	12	Manchester	87	Jaffrey	495
	Antrim	25	Peterborough	164	Milford	10	Hooksett	22	Hancock	270
	Hillsborough	22	Fitzwilliam	118			Milford	18	Rindge	188
	Dublin	12	Keene	66			Weare	15	Keene	185
	Bennington	11	New Ipswich	65			Henniker	14	Antrim	172
	Milford	11	Antrim	50			Peterborough	13	Dublin	171
			Troy	47			Bedford	10	Greenfield	155
			Hancock	46					Bennington	141
Out Of State:	Maine	0	Maine	6	Maine	0	Maine	0	Maine	0
	Massachusetts	5	Massachusetts	140	Massachusetts	0	Massachusetts	0	Massachusetts	180
	Vermont	0	Vermont	0	Vermont	0	Vermont	0	Vermont	2
	Other	19	Other	0	Other	0	Other	0	Other	17
Out Of State Locations:			Winchendon,MA	54					Winchendon,MA	80
			Townsend,MA	18					Townsend,MA	22
			Ashby,MA	16					Ashby,MA	18
			Lawrence,MA	15					Carlisle,MA	17

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 16.3 (continued)
 Commuting In - Peterborough NH LMA - 1990 Census

Towns:	Rindge	Sharon	Temple		
Estimated Residents Working:	1,452	50	140		
Commuting to Another Town:	643	29	38		
Commuting Rate:	44.3%	58.0%	27.1%		
To Locations Within NH:	Jaffrey 163 Peterborough 63 Fitzwilliam 57 Keene 50 New Ipswich 36 Troy 36 Greenville 14 Dublin 10	Antrim 10	New Ipswich 10		
Out Of State:	Maine 9 Massachusetts 100 Vermont 0 Other 32	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0		
Out Of State Locations:	Winchendon,MA 41 Gardner,MA 14 Athol,MA 13 Sturbridge,MA 9				

17.0 Plymouth NH Labor Market Area



The Plymouth Labor Market Area is another of the newly allocated LMAs, with nineteen towns reassigned from the 1980 versions of the Claremont, Laconia, and Littleton LMAs. See Table 17.1 for the complete list of the towns that comprise the new area. The town of Plymouth, as one would expect, had the largest population and highest number of estimated residents working. The towns of Bristol and Campton, although their numbers were slightly smaller, ranked two and three, respectively. The total estimated residents working count for the entire LMA was 11,767. The total

workforce for the LMA, residents and nonresidents, numbered 11,243. Residents of LMA towns that stayed in their respective towns to work numbered 4,390, while commuters who crossed town and state borders to work totaled 7,377. One of the highlights of the "Trivial Commute" section has been the decennial check on Ellsworth to see if "no one who lives there works there."¹ As reported in this publication, the twenty-nine folks reported as residents working all commute out of town. No one actually works in Ellsworth, just as was the case in 1980.

The major routes interconnecting the Plymouth LMA and towns outside the LMA are Interstate 93, and Routes US3, NH3A, NH25, and NH175. In the southern part of the LMA are towns such as Bristol and Danbury connected by Routes NH104 and NH132. The northern segment, including Lincoln, Woodstock, and Waterville Valley, is connected by way of Routes NH49, NH112, and NH118. Commuting-out Table 17.2 displays the number of workers that commute out from the LMA towns and their destinations. When it comes to commute-out rates, 100.0% (Ellsworth) can't be topped, but two towns produced rates that should be considered quite high. Dorchester at 92.0% and Bridgewater at 89.2% exceeded all other commute rates, which generally ran in the 50-70 percent range. Waterville Valley produced the low at 17.0%. As to actual commute numbers, Plymouth and Campton had the largest figures with 910 and 821, respectively. Plymouth was also the focal point of many LMA workers as it topped the commute-out lists for nine of the eighteen towns. The largest num-

ber of out-of-state commuters, although small, went to Massachusetts. Boston and Methuen were the two cities/ towns that Plymouth LMA workers commuted to most often.

Commuting among the towns of the Plymouth LMA focused on the town of Plymouth itself, along with smaller centers of activity in Bristol and Lincoln. See Table 17.3 for the commute-in numbers for Plymouth LMA towns. Ellsworth of course, had no commuters coming in, but most other towns in the LMA had commute-in rates between 40-60 percent. Plymouth received 344 commuters from Campton, 291 from Rumney, and 254 from Holderness. Lincoln likewise had 276 Woodstock workers commuting in and Bristol sustained 215 commuters from Alexandria crossing its borders. As with commute-out numbers, the commute-in numbers from out of state were low, and mostly from Massachusetts. By and large the three LMA towns that admitted the largest number of Bay State workers were Plymouth (78), Lincoln (28), and Thornton (13). Woburn, Methuen, and Stoughton MA provided the largest number of commuters to the three towns just mentioned and to the LMA overall. Maine sent 18 commuters from Elliot ME to Lincoln, while Richmond VT provided workers to Rumney.

¹ *Commuting Patterns New Hampshire - 1980 Census*, Economic & Labor Market Information Bureau, New Hampshire Department of Employment Security, Concord NH, February 1985, page 2.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 17.1
Plymouth NH LMA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Alexandria	1,190	554	455	82.1%	99	17.9%	131	32	24.4%
Ashland	1,915	998	583	58.4%	415	41.6%	1,124	709	63.1%
Bridgewater	796	353	315	89.2%	38	10.8%	115	77	67.0%
Bristol	2,537	1,215	648	53.3%	567	46.7%	1,670	1,103	66.0%
Campton	2,377	1,107	821	74.2%	286	25.8%	634	348	54.9%
Danbury	881	361	304	84.2%	57	15.8%	99	42	42.4%
Dorchester	392	176	162	92.0%	14	8.0%	46	32	69.6%
Ellsworth	74	29	29	100.0%	0	0.0%	0	0	0.0%
Groton	318	141	121	85.8%	20	14.2%	36	16	44.4%
Hebron	386	166	115	69.3%	51	30.7%	84	33	39.3%
Holderness	1,694	856	687	80.3%	169	19.7%	372	203	54.6%
Lincoln	1,229	580	145	25.0%	435	75.0%	1,344	909	67.6%
Plymouth	5,811	2,380	910	38.2%	1,470	61.8%	3,877	2,407	62.1%
Rumney	1,446	741	553	74.6%	188	25.4%	371	183	49.3%
Thornton	1,505	754	644	85.4%	110	14.6%	177	67	37.9%
Warren	820	394	260	66.0%	134	34.0%	288	154	53.5%
Waterville Valley	151	100	17	17.0%	83	83.0%	364	281	77.2%
Wentworth	630	287	186	64.8%	101	35.2%	200	99	49.5%
Woodstock	1,167	575	422	73.4%	153	26.6%	311	158	50.8%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 17.2
Commuting Out - Plymouth NH LMA - 1990 Census

Towns:	Alexandria	Ashland	Bridgewater	Bristol	Campton
Estimated Residents Working:	554	998	353	1,215	1,107
Commuting to Another Town:	455	583	315	648	821
Commuting Rate:	82.1%	58.4%	89.2%	53.3%	74.2%
To Locations Within NH:	Bristol 215 Plymouth 52 Laconia 28 New Hampton 21 Concord 20 Meredith 15 Bridgewater 13 Franklin 11	Plymouth 228 Bristol 47 Laconia 44 New Hampton 39 Holderness 29 Concord 26 Meredith 19 W'ville Valley 16	Bristol 79 Plymouth 61 Ashland 40 New Hampton 29 Laconia 21 Meredith 14 Tilton 12	Plymouth 126 Meredith 76 New Hampton 71 Laconia 65 Concord 55 Ashland 30 Franklin 29 Bridgewater 23	Plymouth 344 W'ville Valley 96 Lincoln 75 Ashland 56 Holderness 29 Concord 27 Meredith 26 Thornton 19
Out Of State:	Maine 0 Massachusetts 6 Vermont 0 Other 6	Maine 6 Massachusetts 7 Vermont 0 Other 20	Maine 3 Massachusetts 4 Vermont 0 Other 6	Maine 0 Massachusetts 20 Vermont 0 Other 0	Maine 3 Massachusetts 22 Vermont 0 Other 14
Out Of State Locations:		Abington,MA 5		Lawrence,MA 8 Bedford,MA 6 Chatham,MA 6	Wakefield,MA 5

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 17.2 (continued)
 Commuting Out - Plymouth NH LMA - 1990 Census

Towns:	Danbury	Dorchester	Ellsworth	Groton	Hebron
Estimated Residents Working:	361	176	29	141	166
Commuting to Another Town:	304	162	29	121	115
Commuting Rate:	84.2%	92.0%	100.0%	85.8%	69.3%
To Locations Within NH:	Bristol 79 Andover 31 Franklin 23 Laconia 21 New London 20 Manchester 16 Boscawen 13 Lebanon 11	Plymouth 30 Hanover 21 Rumney 13 Berlin 11	Plymouth 14	Bristol 36 Plymouth 20 Hebron 15 Ashland 14	Bristol 36 Plymouth 32
Out Of State:	Maine 0 Massachusetts 2 Vermont 3 Other 2	Maine 0 Massachusetts 8 Vermont 9 Other 2	Maine 0 Massachusetts 3 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 3
Out Of State Locations:		Hartford,VT 7	Boston,MA 3		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 17.2 (continued)
 Commuting Out - Plymouth NH LMA - 1990 Census

Towns:	Holderness		Lincoln		Plymouth		Rumney		Thornton	
Estimated Residents Working:	856		580		2,380		741		754	
Commuting to Another Town:	687		145		910		553		644	
Commuting Rate:	80.3%		25.0%		38.2%		74.6%		85.4%	
To Locations Within NH:	Plymouth	254	Woodstock	68	Ashland	108	Plymouth	291	Campton	130
	Ashland	103	Plymouth	14	Laconia	85	Ashland	35	Plymouth	128
	Meredith	73	Campton	10	Holderness	61	Wentworth	21	W'ville Valley	86
	Laconia	40			Lincoln	52	Campton	20	Lincoln	79
	Concord	26			Campton	50	Hanover	18	Woodstock	32
	Campton	21			Bristol	43	Bristol	17	Ashland	31
	Bristol	16			W'ville Valley	39	Warren	17	Concord	14
	Moultonborough	16			Hooksett	37	Holderness	13	Carroll	11
Out Of State:	Maine	5	Maine	0	Maine	10	Maine	0	Maine	0
	Massachusetts	14	Massachusetts	6	Massachusetts	60	Massachusetts	2	Massachusetts	23
	Vermont	0	Vermont	2	Vermont	20	Vermont	4	Vermont	0
	Other	11	Other	0	Other	29	Other	7	Other	2
Out Of State Locations:	Lexington,MA	11			Methuen,MA	30			Billerica,MA	7
					Boston,MA	14				
					Stamford,VT	11				
					Rockport,ME	10				

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 17.2 (continued)
 Commuting Out - Plymouth NH LMA - 1990 Census

Towns:	Warren	Waterville Valley	Wentworth	Woodstock	
Estimated Residents Working:	394	100	287	575	
Commuting to Another Town:	260	17	186	422	
Commuting Rate:	66.0%	17.0%	64.8%	73.4%	
To Locations Within NH:	Plymouth 62 Wentworth 44 Haverhill 18 Bristol 17 Rumney 15 Hanover 12 Concord 11 Benton 10		Plymouth 78 Rumney 24 Warren 21 Bristol 13	Lincoln 276 Benton 39 Littleton 16 Campton 14 Plymouth 14	
Out Of State:	Maine 2 Massachusetts 0 Vermont 18 Other 3	Maine 0 Massachusetts 3 Vermont 0 Other 2	Maine 0 Massachusetts 5 Vermont 7 Other 3	Maine 0 Massachusetts 2 Vermont 2 Other 3	
Out Of State Locations:	Bradford,VT 10		Bradford,VT 7 Boston,MA 5		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 17.3
Commuting In - Plymouth NH LMA - 1990 Census

Towns:	Alexandria	Ashland	Bridgewater	Bristol	Campton
Estimated Residents Working:	131	1,124	115	1,670	634
Commuting to Another Town:	32	709	77	1,103	348
Commuting Rate:	24.4%	63.1%	67.0%	66.0%	54.9%
To Locations Within NH:		Plymouth 108 Holderness 103 Meredith 88 Campton 56 New Hampton 56 Bridgewater 40 Rumney 35 Thornton 31	Bristol 23 Pembroke 15 Alexandria 13	Alexandria 215 New Hampton 100 Laconia 87 Bridgewater 79 Danbury 79 Hill 56 Ashland 47 Plymouth 43	Thornton 130 Plymouth 50 Holderness 21 Rumney 20 Woodstock 14 Bristol 13 Ashland 10 Lincoln 10
Out Of State:	Maine 0 Massachusetts 9 Vermont 0 Other 0	Maine 0 Massachusetts 7 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 5	Maine 0 Massachusetts 0 Vermont 2 Other 0
Out Of State Locations:	Marblehead,MA 9	Ashland,MA 7			Royalton,VT 2

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 17.3 (continued)
 Commuting In - Plymouth NH LMA - 1990 Census

Towns:	Danbury	Dorchester	Ellsworth	Groton	Hebron
Estimated Residents Working:	99	46	0	3	84
Commuting to Another Town:	42	32	0	16	33
Commuting Rate:	42.4%	69.6%	0.0%	533.3%	39.3%
To Locations Within NH:				Groton	15
Out Of State:	Maine 0 Massachusetts 5 Vermont 0 Other 3	Maine 0 Massachusetts 0 Vermont 0 Other 0			
Out Of State Locations:	Natick,MA 5				

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 17.3 (continued)
 Commuting In - Plymouth NH LMA - 1990 Census

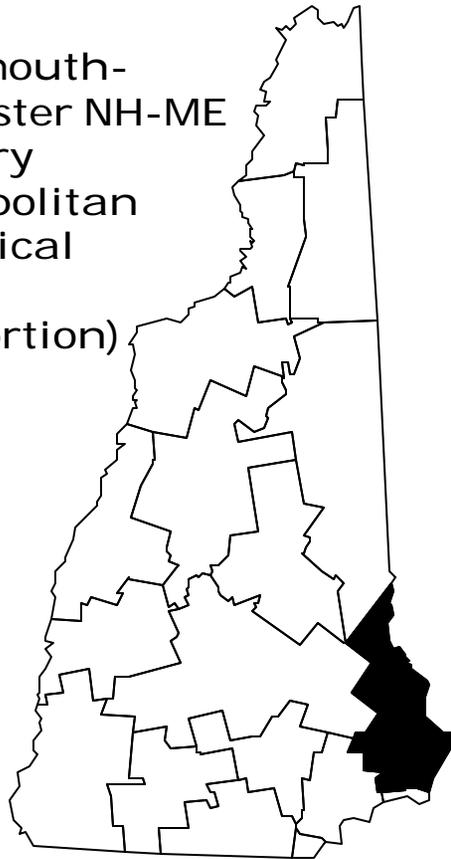
Towns:	Holderness	Lincoln	Plymouth	Rumney	Thornton
Estimated Residents Working:	372	1,344	3,877	371	177
Commuting to Another Town:	203	909	2,407	183	67
Commuting Rate:	54.6%	67.6%	62.1%	49.3%	37.9%
To Locations Within NH:	Barnstead 61 Ashland 29 Campton 29 New Hampton 18 Rumney 13	Woodstock 276 Thornton 79 Campton 75 Bethlehem 52 Plymouth 52 Littleton 39 Franconia 37 Bath 20	Campton 344 Rumney 291 Holderness 254 Ashland 228 Thornton 128 Bristol 126 Meredith 92 Wentworth 78	Wentworth 24 Bristol 16 Warren 15 Dorchester 13 Haverhill 12	Campton 19
Out Of State:	Maine 0 Massachusetts 6 Vermont 2 Other 0	Maine 26 Massachusetts 28 Vermont 13 Other 30	Maine 0 Massachusetts 78 Vermont 8 Other 20	Maine 0 Massachusetts 0 Vermont 9 Other 0	Maine 0 Massachusetts 13 Vermont 0 Other 0
Out Of State Locations:	Walpole,MA 6	Eliot,ME 18 Woburn,MA 16 Winthrop,MA 7 Newbury,VT 7	Methuen,MA 15 Taunton,MA 15 Quincy,MA 12 Woburn,MA 11	Richmond,VT 9	Stoughton,MA 13

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 17.3 (continued)
 Commuting In - Plymouth NH LMA - 1990 Census

Towns:	Warren	Waterville Valley	Wentworth	Woodstock
Estimated Residents Working:	288	364	200	311
Commuting to Another Town:	154	281	99	158
Commuting Rate:	53.5%	77.2%	49.5%	50.8%
To Locations Within NH:	Haverhill 67 Wentworth 21 Rumney 17 Orford 15	Campton 96 Thornton 86 Plymouth 39 Ashland 16 Holderness 12 Rumney 10	Warren 44 Rumney 21 Thornton 10	Lincoln 68 Thornton 32 Bethlehem 16 Plymouth 10
Out Of State:	Maine 0 Massachusetts 0 Vermont 9 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 0 Other 0	Maine 0 Massachusetts 0 Vermont 2 Other 0
Out Of State Locations:				Concord,VT 2

18.0
 Portsmouth-
 Rochester NH-ME
 Primary
 Metropolitan
 Statistical
 Area
 (NH Portion)



The 1990 version of the Portsmouth-Rochester NH-ME Primary Metropolitan Statistical Area is only slightly changed from the Portsmouth-Dover-Rochester NH PMSA that preceded it. The New Hampshire portion is still combined with Maine towns, five instead of eight, to form the total PMSA. This report will focus on commuting in and out from the New Hampshire portion only. Table 18.1 lists the New Hampshire group and summarizes the commute data for those four cities and twenty-two towns listed. Primary interconnecting routes servicing the PMSA are Interstate 95, the

Spaulding Turnpike (toll), Routes US1, US4, and NH101. Other routes connect points east and west of the seacoast area such as NH16, NH125, and NH155. The three largest communities in the PMSA are the cities of Portsmouth, Dover, and Rochester, with estimated residents working amounts at 14,210, 13,755, and 12,843, respectively. The estimated residents working total for the PMSA amounted to 97,160. The total workforce, residents and nonresidents, numbered 95,841, showing a net out-commute for the area. The number of residents of PMSA towns who stayed and worked in their respective communities totaled 30,411. More than twice that number, 66,749, crossed city/town and state borders to commute to work. Nonresidents commuting into PMSA cities/towns from any source, numbered 65,430.

Commuting-out Tables 18.2 and 18.3 are extensive tables because there are twenty-six communities that make up the PMSA. Dover, Rochester, and Portsmouth generated the largest commuting-out numbers, with city/towns like Hampton, Somersworth, Exeter, and Newmarket supervening behind. The numbers ranged from Dover the leader, with 8,791 commuting out, to Newmarket with 3,479 out-commuters. In looking at the lists (see Table 18.2) to see where they commuted to, Portsmouth was the leader, heading up ten of the twenty-six lists. Dover led on six lists, while Rochester led on only two. Hampton was a popular destination, leading four lists. The top three individual city/town commuting-out totals were only separated by a difference of 43. Rochester sent 1,986 workers to Dover, Dover provided 1,958 commuters following the

Spaulding Turnpike to Portsmouth, and Portsmouth dispatched 1,943 workers to Newington. Maine and Massachusetts vied for the out-of-state destination of choice for Portsmouth-Rochester PMSA commuters, with Maine emerging with the largest number (6,509), and in particular, Kittery ME. Kittery, the location of the Portsmouth Navy Yard, led seventeen of the twenty-six out-of-state lists. Boston was the leading destination for Massachusetts bound commuters, leading five of the lists.

To no surprise, Portsmouth (15,243), Dover (9,661), and Rochester (5,453) had the largest number of nonresidents commuting-in. See Table 18.3 for the commute-in rates and lists. Other cities/towns providing more modest commute-in numbers were 896 Rochester workers commuting into Somersworth, 803 Dover residents traveling along Route 108 or NH155 to Durham, and 604 Farmington commuters crossing into Rochester. Most towns in the Portsmouth-Rochester PMSA had nonresident commute-in rates of 50 percent or more. Newington, of course (see Trivial Commute), had the largest rate at 95.8%. Out-of-state nonresidents from bordering Maine and Massachusetts crossed New Hampshire lines into the PMSA in large numbers with Maine (10,026) being the leading provider. The Berwicks in Maine; Berwick, South Berwick, and North Berwick showed up on the individual commute-in lists most often. Haverhill MA also provided a modest number of commuters, particularly to Hampton and Exeter.

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.1
 Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to Another Town to		Working In Town			Number of Workers	Percent of Total Working in Town
			Number of Workers	Percent	Number of Workers	Percent			
Barrington	6,164	3,321	2,982	89.8%	339	10.2%	788	449	57.0%
Brentwood	2,590	1,170	929	79.4%	241	20.6%	934	693	74.2%
Dover	25,042	13,755	8,791	63.9%	4,964	36.1%	14,625	9,661	66.1%
Durham	11,818	5,157	2,753	53.4%	2,404	46.6%	6,228	3,824	61.4%
East Kingston	1,352	678	583	86.0%	95	14.0%	181	86	47.5%
Epping	5,162	2,610	2,087	80.0%	523	20.0%	1,096	573	52.3%
Exeter	12,481	6,480	4,385	67.7%	2,095	32.3%	6,202	4,107	66.2%
Farmington	5,739	2,710	1,917	70.7%	793	29.3%	1,988	1,195	60.1%
Greenland	2,768	1,617	1,294	80.0%	323	20.0%	1,959	1,636	83.5%
Hampton Falls	1,503	758	614	81.0%	144	19.0%	669	525	78.5%
Hampton	12,278	6,559	4,975	75.8%	1,584	24.2%	4,860	3,276	67.4%
Kensington	1,631	833	700	84.0%	133	16.0%	294	161	54.8%
Lee	3,729	1,983	1,720	86.7%	263	13.3%	1,160	897	77.3%
Madbury	1,404	713	640	89.8%	73	10.2%	152	79	52.0%
Milton	3,691	1,809	1,510	83.5%	299	16.5%	485	186	38.4%
New Castle	840	416	253	60.8%	163	39.2%	805	642	79.8%
Newfields	888	443	349	78.8%	94	21.2%	924	830	89.8%
Newington	990	618	354	57.3%	264	42.7%	6,273	6,009	95.8%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.1 (continued)
 Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Resident City/Town	RESIDENTS						Total Working In Town (Residents & Nonresidents)	NONRESIDENTS	
	Population 1990 Census	Estimated Residents Working	Commuting to		Working In Town			Number of Workers	Percent of Total Working in
			Number of Workers	Percent	Number of Workers	Percent			
Newmarket	7,157	3,978	3,479	87.5%	499	12.5%	1,173	674	57.5%
North Hampton	3,637	2,043	1,565	76.6%	478	23.4%	1,632	1,154	70.7%
Portsmouth	25,925	14,210	7,005	49.3%	7,205	50.7%	22,448	15,243	67.9%
Rochester	26,630	12,843	8,029	62.5%	4,814	37.5%	10,267	5,453	53.1%
Rollinsford	2,645	1,404	1,163	82.8%	241	17.2%	1,419	1,178	83.0%
Rye	4,612	2,517	1,994	79.2%	523	20.8%	1,852	1,329	71.8%
Somersworth	11,249	5,905	4,424	74.9%	1,481	25.1%	5,373	3,892	72.4%
Stratham	4,955	2,630	2,254	85.7%	376	14.3%	2,054	1,678	81.7%

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.2
 Commuting Out - Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Towns:	Barrington	Brentwood	Dover	Durham	East Kingston
Estimated Residents Working:	3,321	1,170	13,755	5,157	678
Commuting to Another Town:	2,982	929	8,791	2,753	583
Commuting Rate:	89.8%	79.4%	63.9%	53.4%	86.0%
To Locations Within NH:	Dover 584 Portsmouth 327 Rochester 310 Durham 207 Somersworth 178 Lee 122 Exeter 108 Rollinsford 97	Exeter 200 Portsmouth 70 Plaistow 53 Stratham 46 Seabrook 39 Hampton 27 Epping 24 Kingston 24	Portsmouth 1,958 Newington 856 Durham 803 Somersworth 660 Rochester 527 Rollinsford 200 Exeter 186 Lee 158	Dover 500 Newington 378 Portsmouth 293 Greenland 178 Lee 169 Rochester 142 Nashua 66 Manchester 59	Exeter 74 Portsmouth 40 Seabrook 32 Plaistow 25 Dover 16 Kingston 16 Hampton 14 Hampstead 13
Out Of State:	Maine 207 Massachusetts 90 Vermont 0 Other 20	Maine 13 Massachusetts 230 Vermont 0 Other 8	Maine 1,362 Massachusetts 426 Vermont 0 Other 172	Maine 58 Massachusetts 223 Vermont 0 Other 65	Maine 9 Massachusetts 207 Vermont 0 Other 5
Out Of State Locations:	Kittery,ME 152 Biddeford,ME 20 Berwick,ME 18 Boston,MA 15	Haverhill,MA 31 Boston,MA 29 N.Andover,MA 29 Andover,MA 15	Kittery,ME 931 Boston,MA 120 York,ME 97 Berwick,ME 74	Kittery,ME 31 Boston,MA 26 Waltham,MA 21 Bedford,MA 15	N.Andover,MA 31 Newburyport,MA 24 Amesbury,MA 23 Haverhill,MA 11

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.2 (continued)
 Commuting Out - Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Towns:	Epping		Exeter		Farmington		Greenland		Hampton Falls	
Estimated Residents Working:	2,610		6,480		2,710		1,617		758	
Commuting to Another Town:	2,087		4,385		1,917		1,294		614	
Commuting Rate:	80.0%		67.7%		70.7%		80.0%		81.0%	
To Locations Within NH:	Exeter	229	Portsmouth	604	Rochester	604	Portsmouth	448	Hampton	98
	Raymond	98	Hampton	364	Dover	366	Rye	84	Seabrook	70
	Portsmouth	94	Stratham	273	Somersworth	106	Exeter	80	Portsmouth	62
	Hampton	88	Seabrook	222	Newington	75	Newington	78	Exeter	46
	Brentwood	85	Dover	147	Rollinsford	69	Hampton	66	No.Hampton	25
	Manchester	84	Manchester	134	Durham	54	Dover	39	Rye	12
	Newfields	71	Brentwood	104	Portsmouth	52	Somersworth	33	Salem	12
	Seabrook	65	Rochester	103	Stratford	34	No.Hampton	29	Stratham	12
Out Of State:	Maine	53	Maine	147	Maine	222	Maine	124	Maine	9
	Massachusetts	450	Massachusetts	1,110	Massachusetts	42	Massachusetts	147	Massachusetts	167
	Vermont	0	Vermont	0	Vermont	0	Vermont	0	Vermont	0
	Other	26	Other	52	Other	31	Other	12	Other	7
Out Of State Locations:	N.Andover,MA	50	Boston,MA	161	Kittery,ME	156	Kittery,ME	107	Amesbury,MA	23
	Boston,MA	48	Amesbury,MA	154	Boston,MA	20	Boston,MA	30	Boston,MA	23
	Amesbury,MA	41	Haverhill,MA	99	York,ME	16	Newburyport,MA	21	Newburyport,MA	18
	Kittery,ME	38	Newburyport,MA	98	S.Portland,ME	13	Lawrence,MA	14	Salem,MA	11

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.2 (continued)
 Commuting Out - Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Towns:	Hampton		Kensington		Lee		Madbury		Milton	
Estimated Residents Working:	6,559		833		1,983		713		1,809	
Commuting to Another Town:	4,975		700		1,720		640		1,510	
Commuting Rate:	75.8%		84.0%		86.7%		89.8%		83.5%	
To Locations Within NH:	Portsmouth	994	Exeter	115	Durham	374	Dover	135	Rochester	476
	Seabrook	424	Portsmouth	54	Portsmouth	188	Durham	117	Dover	222
	Exeter	259	Seabrook	35	Dover	172	Portsmouth	91	Somersworth	142
	No.Hampton	247	Hampton	33	Exeter	127	Rochester	30	Farmington	108
	Newington	148	Stratham	31	Newmarket	56	Newington	24	Portsmouth	90
	Manchester	126	E.Kingston	19	Manchester	42	Lee	17	Newington	24
	Rye	113	Brentwood	13	Seabrook	40	Somersworth	16	Strafford	22
	Hampton Falls	111	Hampton Falls	13	Farmington	36	Concord	15	No.Hampton	19
Out Of State:	Maine	225	Maine	30	Maine	116	Maine	27	Maine	148
	Massachusetts	1,654	Massachusetts	221	Massachusetts	152	Massachusetts	9	Massachusetts	70
	Vermont	8	Vermont	2	Vermont	0	Vermont	0	Vermont	0
	Other	78	Other	11	Other	20	Other	8	Other	28
Out Of State Locations:	Boston,MA	230	Boston,MA	33	Kittery,ME	79	Kittery,ME	21	Kittery,ME	71
	Haverhill,MA	219	Newburyport,MA	29	Boston,MA	22	Boston,MA	6	Marlboro,MA	19
	Newburyport,MA	150	Amesbury,MA	28	Haverhill,MA	18			Sanford,ME	16
	Kittery,ME	115	Kittery,ME	19	Eliot,ME	15			Berwick,ME	15

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.2 (continued)
 Commuting Out - Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Towns:	New Castle		Newfields		Newington		Newmarket		North Hampton	
Estimated Residents Working:	416		443		618		3,978		2,043	
Commuting to Another Town:	253		349		354		3,479		1,565	
Commuting Rate:	60.8%		78.8%		57.3%		87.5%		76.6%	
To Locations Within NH:	Portsmouth	135	Exeter	80	Portsmouth	180	Portsmouth	471	Portsmouth	399
	No.Hampton	12	Portsmouth	33	Dover	34	Exeter	346	Hampton	295
	Seabrook	11	Hampton	31	Greenland	17	Durham	244	Exeter	122
			Stratham	28	Durham	12	Dover	228	Rye	88
			Dover	25			Stratham	200	Greenland	41
			Durham	10			Newfields	130	Seabrook	31
			Rye	10			Hampton	126	Stratham	30
			Seabrook	10			Newington	123	Hampton Falls	28
Out Of State:	Maine	24	Maine	18	Maine	32	Maine	153	Maine	67
	Massachusetts	12	Massachusetts	61	Massachusetts	29	Massachusetts	428	Massachusetts	289
	Vermont	0	Vermont	0	Vermont	0	Vermont	14	Vermont	0
	Other	10	Other	0	Other	5	Other	72	Other	43
Out Of State Locations:	Kittery,ME	17	Kittery,ME	18	Kittery,ME	20	Kittery,ME	117	Boston,MA	49
	BoothbayHbr,ME	5	Boston,MA	8	Quincy,MA	7	Newburyport,MA	62	Kittery,ME	48
			Newburyport,MA	8	Cambridge,MA	6	Boston,MA	42	Newburyport,MA	42
			Beverly,MA	6	So.Berwick,ME	5	Danvers,MA	42	Haverhill,MA	25

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.2 (continued)
 Commuting Out - Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Towns:	Portsmouth		Rochester		Rollinsford		Rye		Somersworth	
Estimated Residents Working:	14,210		12,843		1,404		2,517		5,905	
Commuting to Another Town:	7,005		8,029		1,163		1,994		4,424	
Commuting Rate:	49.3%		62.5%		82.8%		79.2%		74.9%	
To Locations Within NH:	Newington	1,943	Dover	1,986	Dover	348	Portsmouth	908	Dover	1,423
	Dover	440	Portsmouth	1,045	Somersworth	143	Dover	97	Portsmouth	610
	Hampton	280	Somersworth	896	Portsmouth	140	Exeter	88	Rochester	351
	Greenland	263	Farmington	325	Newington	75	Hampton	66	Newington	246
	Rye	256	Durham	272	Rochester	42	No.Hampton	55	Rollinsford	182
	Durham	211	Newington	263	Durham	28	Greenland	52	Durham	158
	Seabrook	171	Rollinsford	210	No.Hampton	15	Newington	49	Hampton	74
	Exeter	159	Barrington	129	Exeter	14	Seabrook	46	Farmington	66
Out Of State:	Maine	1,149	Maine	1,143	Maine	208	Maine	140	Maine	742
	Massachusetts	797	Massachusetts	277	Massachusetts	26	Massachusetts	184	Massachusetts	134
	Vermont	11	Vermont	8	Vermont	0	Vermont	0	Vermont	6
	Other	248	Other	55	Other	8	Other	69	Other	16
Out Of State Locations:	Kittery,ME	826	Kittery,ME	561	Kittery,ME	99	Kittery,ME	94	Kittery,ME	459
	Boston,MA	133	Berwick,ME	143	So.Berwick,ME	31	Boston,MA	47	Berwick,ME	106
	York,MA	101	No.Berwick,ME	131	Berwick,ME	30	No.Berwick,ME	18	York,ME	40
	Newburyport,MA	90	Sanford,ME	68	No.Berwick,ME	21	York,ME	18	So.Berwick,ME	39

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.2 (continued)

Commuting Out - Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Towns:	Stratham			
Estimated Residents Working:	2,630			
Commuting to Another Town:	2,254			
Commuting Rate:	85.7%			
To Locations Within NH:	Portsmouth 451 Exeter 302 Hampton 114 Seabrook 90 Newington 74 Rye 55 Newfields 46 Dover 42			
Out Of State:	Maine 83 Massachusetts 542 Vermont 0 Other 47			
Out Of State Locations:	Boston,MA 88 Newburyport,MA 79 Kittery,ME 68 Andover,MA 62			

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.3
Commuting In - Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Towns:	Barrington		Brentwood		Dover		Durham		East Kingston	
Estimated Residents Working:	788		934		14,625		6,228		181	
Commuting to Another Town:	449		693		9,661		3,824		86	
Commuting Rate:	57.0%		74.2%		66.1%		61.4%		47.5%	
To Locations Within NH:	Rochester	129	Exeter	104	Rochester	1,986	Dover	803	Kensington	19
	Dover	67	Epping	85	Somersworth	1,423	Lee	374	Barrington	13
	Northwood	28	Raymond	79	Barrington	584	Rochester	272	Exeter	10
	Lee	25	Fremont	67	Portsmouth	440	Newmarket	244		
	Epping	19	Newmarket	48	Exeter	366	Portsmouth	211		
	Alton	18	Lee	34	Rollinsford	348	Barrington	207		
	Strafford	18	Nottingham	30	Newmarket	228	Somersworth	158		
	Madbury	16	Portsmouth	29	Milton	222	Madbury	117		
Out Of State:	Maine	52	Maine	0	Maine	1,667	Maine	318	Maine	0
	Massachusetts	0	Massachusetts	11	Massachusetts	130	Massachusetts	137	Massachusetts	0
	Vermont	0	Vermont	0	Vermont	14	Vermont	0	Vermont	0
	Other	0	Other	0	Other	55	Other	22	Other	0
Out Of State Locations:	Berwick,ME	26	Amesbury,MA	6	Berwick,ME	423	Kittery,ME	66		
	Lebanon,ME	15	Haverhill,MA	5	So.Berwick,ME	308	So.Berwick,ME	44		
	Eliot,ME	7			Lebanon,ME	213	York,ME	41		
					No.Berwick,ME	155	Berwick,ME	38		

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.3 (continued)
 Commuting In - Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Towns:	Epping		Exeter		Farmington		Greenland		Hampton Falls	
Estimated Residents Working:	1,096		6,202		1,988		1,959		669	
Commuting to Another Town:	573		4,107		1,195		1,636		525	
Commuting Rate:	52.3%		66.2%		60.1%		83.5%		78.5%	
To Locations Within NH:	Raymond	69	Newmarket	346	Rochester	325	Portsmouth	263	Hampton	111
	Nottingham	46	Stratham	302	Milton	108	Durham	178	Portsmouth	71
	Newmarket	45	Hampton	259	New Durham	91	Dover	130	Exeter	54
	Exeter	41	Epping	229	Middleton	90	Rochester	118	No. Hampton	28
	Dover	34	Brentwood	200	Somersworth	66	Newmarket	117	Dover	25
	Manchester	29	Dover	186	Alton	58	Rye	52	Newton	15
	Brentwood	24	Raymond	174	Dover	51	No. Hampton	41	Kensington	13
	Kingston	22	Portsmouth	159	Wakefield	39	Barrington	34	Stratham	12
Out Of State:	Maine	18	Maine	217	Maine	133	Maine	249	Maine	24
	Massachusetts	33	Massachusetts	224	Massachusetts	6	Massachusetts	30	Massachusetts	111
	Vermont	7	Vermont	0	Vermont	0	Vermont	0	Vermont	0
	Other	0	Other	36	Other	0	Other	13	Other	0
Out Of State Locations:	Haverhill, MA	19	York, ME	59	Lebanon, ME	40	Kittery, ME	99	Newburyport, MA	31
	Sanford, ME	8	Haverhill, MA	59	Berwick, ME	30	Berwick, ME	37	Lawrence, MA	29
	Merrimac, MA	8	Kittery, ME	53	Sanford, ME	20	Lebanon, ME	19	Windham, ME	22
	Eliot, ME	6	Newburyp't, MA	50	Waterboro, ME	13	No. Berwick, ME	15	Boston, MA	21

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.3 (continued)
Commuting In - Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Towns:	New Castle		Newfields		Newington		Newmarket		North Hampton	
Estimated Residents Working:	805		924		6,273		1,173		1,632	
Commuting to Another Town:	642		830		6,009		674		1,154	
Commuting Rate:	79.8%		89.8%		95.8%		57.5%		70.7%	
To Locations Within NH:	Exeter	81	Newmarket	130	Portsmouth	1,943	Dover	99	Hampton	247
	Portsmouth	78	Rochester	76	Dover	856	Exeter	71	Portsmouth	141
	Dover	38	Epping	71	Durham	378	Lee	56	Exeter	78
	Stratham	36	Exeter	68	Rochester	263	Portsmouth	35	Dover	68
	Epping	31	Dover	65	Somerworth	246	Somerworth	33	Seabrook	57
	Newmarket	31	Raymond	64	Hampton	148	Hampton	32	Rye	55
	Kingston	24	Stratham	46	Newmarket	123	Rye	30	Newmarket	54
	Hampton	23	Lee	36	Barrington	87	Durham	28	Stratham	33
Out Of State:	Maine	88	Maine	26	Maine	846	Maine	74	Maine	98
	Massachusetts	51	Massachusetts	22	Massachusetts	115	Massachusetts	35	Massachusetts	31
	Vermont	0	Vermont	0	Vermont	0	Vermont	2	Vermont	0
	Other	18	Other	0	Other	31	Other	4	Other	0
Out Of State Locations:	Berwick,ME	35	No.Berwick,ME	14	So.Berwick,ME	150	Kittery,ME	25	Kittery,ME	45
	Kennebunk, ME	18	Amesbury,MA	13	Kittery,ME	149	Revere,MA	25	Eliot,ME	13
	Sandford,ME	15	Haverhill,MA	9	Berwick,ME	101	York,ME	12	York,ME	12
	Peabody,MA	14	So.Berwick,ME	7	York,ME	91	Lynnfield,MA	10	Wells,ME	10

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.3 (continued)
 Commuting In - Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Towns:	Portsmouth		Rochester		Rollinsford		Rye		Somersworth	
Estimated Residents Working:	22,448		10,267		1,419		1,852		5,373	
Commuting to Another Town:	15,243		5,453		1,178		1,329		3,892	
Commuting Rate:	67.9%		53.1%		83.0%		71.8%		72.4%	
To Locations Within NH:	Dover	1,958	Farmington	604	Rochester	210	Portsmouth	256	Rochester	896
	Rochester	1,045	Dover	527	Dover	200	Hampton	113	Dover	660
	Hampton	994	Milton	476	Somersworth	182	No.Hampton	88	Barrington	178
	Rye	908	Somersworth	351	Barrington	97	Greenland	84	Rollinsford	143
	Somersworth	610	Barrington	310	Farmington	69	Rochester	79	Milton	142
	Exeter	604	Strafford	222	Portsmouth	29	Stratham	55	Portsmouth	116
	Newmarket	471	Wakefield	197	Wakefield	21	Exeter	43	Farmington	106
	Stratham	451	New Durham	163	Milton	17	Epping	40	Durham	59
Out Of State:	Maine	3,447	Maine	995	Maine	241	Maine	180	Maine	992
	Massachusetts	532	Massachusetts	95	Massachusetts	6	Massachusetts	42	Massachusetts	63
	Vermont	2	Vermont	12	Vermont	0	Vermont	6	Vermont	0
	Other	135	Other	15	Other	0	Other	22	Other	12
Out Of State Locations:	Kittery,ME	811	Lebanon,ME	381	So.Berwick,ME	59	Kittery,ME	91	Berwick,ME	348
	York,ME	729	Berwick,ME	171	Kittery,ME	34	Eliot,ME	42	So.Berwick,ME	147
	Eliot,ME	621	Sanford,ME	130	Berwick,ME	29	Berwick,ME	16	Lebanon,ME	146
	So.Berwick,ME	449	So.Berwick,ME	51	Lebanon,ME	22	Auburn,ME	14	Sanford,ME	98

New Hampshire Commuting Patterns - 1990 U.S. Census

Table 18.3 (continued)
 Commuting In - Portsmouth/Rochester NH-ME (NH Portion) PMSA - 1990 Census

Towns:	Stratham			
Estimated Residents Working:	2,054			
Commuting to Another Town:	1,678			
Commuting Rate:	81.7%			
To Locations Within NH:	Exeter	273		
	Newmarket	200		
	Portsmouth	102		
	Dover	88		
	Rochester	71		
	Epping	51		
	Hampton	51		
	Durham	47		
Out Of State:	Maine	103		
	Massachusetts	52		
	Vermont	0		
	Other	0		
Out Of State Locations:	Kittery,ME	45		
	Kennebunk,ME	16		
	So.Berwick,ME	13		
	Eliot,ME	12		